

10/533158

SeqList[1].JC20 Rec'd PCT/PTO 28 APR 2005

SEQUENCE LISTING

<110> Hisamitsu Pharmaceutical Co., Inc.
Chiba-Prefecture

<120> Nucleic acids isolated from stage 4s neuroblastoma

<130> FP03-0298-00

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<151> 2002-10-30

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<170> PatentIn Ver. 2.1

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SeqList[1].txt

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SeqList[1].txt

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| aaaaaacata | cagaaatata | aaaggattga | cattattttt | accacaataa | tggagagtca | 1380 |
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| cattagaggt | agtgtcctta | gtgtgctcta | tattgggagg | tctgaaggag | gaatgagaat | 1500 |
| gagggtttgc | cctcatataa | aatatgagat | catagagggg | gaatttgagt | tattttataa | 1560 |
| agtttaattt | aatctctgtg | ctagatgggt | gctctgaaaa | atgcagacac | attgcttcta | 1620 |
| ttctgtgtta | actaagatag | gtaataactg | ttacacttat | acatcatgtt | tctcattcgt | 1680 |
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<220>
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| atccatccat | tatatattata | ctgttttaaa | tgtaacatgt | gatagagact | tttttaaatg | 120 |
| cagtgatcat | agttttttacc | catcttcatg | aagccaacct | tgggaagcagg | acatggatag | 180 |
| acagttacta | tggatctttt | tataggggat | attatttttt | ctagattatg | tgtaaacaaat | 240 |

SeqList[1].txt

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<220>
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                                SeqList[1].txt
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tgagaatcac acttgagagc ccacctctcc tataagattt atatctgacc tccttgacct 1860
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<213> Homo sapiens

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<220>
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tgaagtttat aaatcttagt tgcaatgtaa ttacagaact cagcttttga acatttcagg 240
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tatttccatt ttagaaagtg caaaggctag agttacaaat acgaagacgt ctaaaccaat 780
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<220>
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| tcttatgaag | gagataggtt | ctcttctgag | tttgtcataa | tatagattgg | tgtctttgga | 120 |
| aaatggccac | aatttttaaga | attcaattat | gcatataaaa | tgataattat | tggaattcca | 180 |
| cagtaacaga | tttaaacagt | cttaaattgt | ttatctcctt | tactgtaatg | tattgaaatt | 240 |
| tttagagaaa | tttttagttgt | taacatttta | ttaagtgccca | gtgtcagaat | ataacaaatt | 300 |
| atagtttctt | atgaatgaca | ggcctacagt | tattattctg | gattatttga | tgaggagcaa | 360 |
| acttacctgt | atttgttagt | caagctgtga | aaataagggtg | gattacaaaa | gatgtgaaaa | 420 |
| aaatttttagt | ctgtagactc | agtaatfftc | tataatffac | tgtaaatctc | atttgaacat | 480 |
| ggattaggta | caattttataa | attaattcaa | gtcagggtct | ttaggtatca | ggtgccagag | 540 |
| agatattttaa | cagattttccc | tacctaaatt | tatgtatatg | tactgtctaa | aacaataactt | 600 |
| ttttaaaaaa | aaggaaacagt | tgggagaaaa | taaatataat | gaaaaattcc | cagaggctag | 660 |
| cacttggatt | ctaacacgta | tgctattgta | ttatccatta | gttctgtaat | atttaattttt | 720 |
| agatttctttt | atfttttttaa | ttggcaaagc | acaagggtgct | gtataacagt | gtcattttaga | 780 |
| gttttataga | aagcttcaac | ctgagttctg | cgttataaag | cctggagaaa | gctaagctta | 840 |
| gaacataact | tgctgaagta | taattatctt | ttttagcag | gaatttatgt | gccaagagggtg | 900 |
| agagtctttc | tggtagctgat | tttttgagac | caaggataaa | aggatcgttt | tgtaagacat | 960 |
| gccatggcaa | tggctgggtg | ggggacaggtt | tccgcccaag | cttggcctat | tttattttttc | 1020 |
| ctcataccta | ctttcaaagt | catttaggta | tttgaagcct | tatttcccac | gtagtaacac | 1080 |
| tttctggctt | ttgcagtttc | ttttttgtt | tggttttgtt | ttttgcatgg | aatggggatc | 1140 |
| aaacaacccc | aagaagaaca | cattttgata | aagcaaaatg | tttgcttcaa | atttcagaag | 1200 |
| tttattttac | agaaattaaa | ttaagtagtt | tgacatcctt | ttctctgttt | cacacatata | 1260 |
| ttaggttgggt | gcataagtaa | ttgtggtttt | tgccatgact | tttatggcaa | aacctgcaat | 1320 |
| tacttttgca | ccaacttaat | acatctatat | acatatatat | atacgcgcac | acacttgttc | 1380 |
| agaagtatat | ttgtggcctt | ggatttggtt | ttccccttgg | aaatggttct | taactctggg | 1440 |
| attttagaag | gttagaatat | tttttcaaga | gaacagtggt | actcaaaaga | atgaaagggtg | 1500 |
| gtccctacat | tttctgtatt | catcacttaa | aatttttaat | ttttccgaga | actacaagta | 1560 |
| acatttgaac | catgctgctg | ttgtacctta | aacaaaaact | cagtataac | cagtatttag | 1620 |
| tctattaaaa | atgctctttt | tgaagaaaaa | | | | 1650 |

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<220>
 <223> nb1a22284

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| atttttttct | tgcttataga | gatattccat | gggatagcaa | atcctgtgtc | atggagatga | 120 |
| agtcataaatt | cctgattcca | aaaggttttg | agaaaacaaa | gaggggggaat | gacgtaagaa | 180 |
| agataggcat | gagcatgtgg | taactaggtt | agcacgtgtg | cttcccagcc | caggagcgac | 240 |
| caaatcctgt | ggtggcgtca | ggtgtgcagt | ggagagggaat | atagaggctg | tatggcctcc | 300 |
| ctcagtgaag | gcagggcaag | agggatcact | ctgagagaaac | aaaaataggc | cccaagttgc | 360 |
| taagcagtga | ttgggaacct | tcctttcctt | ggcggagatg | catgacattc | cctaccgatc | 420 |
| cccagacaca | gcctgtggga | ctcttaggag | aaatgggtgat | ttactgaata | actgaccgt | 480 |
| tgccgagatg | agtacaatga | agtggagggtg | atgaactcaa | atcgtcttcc | agggccaggc | 540 |
| ggctgaccgg | ggtgagcgtg | gtggcccgt | ggggaccatg | gccgccctga | cagccacacc | 600 |
| cacctggagc | tgacttggtt | ctggctgttg | ctgcccactgt | gaaatctgta | tctctctcca | 660 |
| tctctgctct | actatccccg | gccttgccag | acagtggttct | ttttcggaag | aagtctagat | 720 |
| ttttgcatga | aaaaactcaa | tctttaaagg | tcgactcaga | acattttaag | gaggcctcca | 780 |
| cttgggtctga | tgagtccttg | ctaattaaga | actaaaggcc | ttctgacctt | cttgggtgctc | 840 |
| atgctgtacg | gcattctgaat | gtctcgaccg | agtccgagcc | gtgcagctgt | cctccacctg | 900 |
| cgaaagtaat | gagaatccta | tcacgggaca | taaggatagg | tctaaacagg | gtccatgcca | 960 |
| agaaaaacagt | gggggtgctct | cccaggcctc | tcccctgtcc | actaaccctg | gccttgccgg | 1020 |
| ctgccttcca | ggctctgggg | gaagagctcc | tgcatctctc | cctggccacc | ttggctccag | 1080 |
| ggctccccag | agagcctctt | ccctcccca | gtacctgaga | aagatgagag | aggcacgtgc | 1140 |
| tctgctggga | aggtccagtg | agcggttcaa | gggcctggaa | tctccctacg | gccaagtcta | 1200 |
| aggggttctgg | gattctgggc | tttgtgggt | ttgcttgcct | gctgggaatg | ggctttccct | 1260 |
| gtcccgccct | gccccacctc | gcctctgtct | ctcagaagct | ccagaaccca | gcagtacact | 1320 |
| gcaaaatgtg | gcctctgatg | ggggcttagg | gtgggagatg | gggagagcct | acattgtctt | 1380 |
| ttgctccttg | aaaactttta | tagctcctat | tttccagaga | atgggtgctt | gtgagcaaca | 1440 |

SeqList[1].txt

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| gtttttacct | ctcactgcct | tgacattttg | tgaacgtgaa | gcttaaactt | tctgggctta | 1560 |
| caagacccag | gggcacgtca | gctccttaga | tgggctcagc | ctgacacata | attcttaaac | 1620 |
| ctttcctgtt | taagaaactt | ctagaggctg | tgtactctca | ccaatcctct | tcgagaattt | 1680 |
| gttcatgtgt | atttcccat | tatatggatg | aggctcagga | taacagcata | gtggctacct | 1740 |
| tctactgagt | tttgagggtg | taataagtat | gtttgtctga | ggctgcacat | gtgggtggct | 1800 |
| ctgtgtgtat | gatccaaggg | acaaaatgac | gatgtaggaa | ccagcaagaa | cggaatctgg | 1860 |
| gctgatgctt | cagtctccac | ctgggtgatg | gctagcctcc | cgccctccac | caccgcatcc | 1920 |
| cacacgtgct | gcgcactgtc | cccgtgtctc | ctggagaacc | aaactggaga | aaacctttct | 1980 |
| gagtatctct | catagtacct | cttccttaag | aagatgtggg | ttagagcatg | tgtgcaatcc | 2040 |
| tgcttctgta | attaggaaac | ggagcccag | gctttccatt | gttggttgaa | cccaggacag | 2100 |
| ctggtgctat | tcacaggctg | aagaactggg | cagttcttac | ttgggtctgt | cctaggatgt | 2160 |
| ggaggaaagt | caggactaac | gctaggcaga | gagtatgact | cggtttaccc | agcctagggg | 2220 |
| cctctggatg | ggaacactcc | attccaagat | ctcagcagag | cagggcttcc | tggcttgagg | 2280 |
| ctggaagcct | ttgggaagag | gcccagctgg | gacattccct | gggcacctgt | cttccgctga | 2340 |
| agggagcaag | gtgccctctg | ggactgacag | ccatgaccct | ctgtgccatc | ctcaatcctt | 2400 |
| gagccatata | tcaagagtcc | tctagagccg | gatggctctc | aaaagtctgt | ccaaggaatg | 2460 |
| ccaacgttca | ccgggctctg | agaaacgacg | caaactctct | agctggggac | cacttggaga | 2520 |
| accggcttag | taacagtcct | gatcttcgca | agccagcttc | ttctgcatct | gaggggctcc | 2580 |
| tggcgcccaag | aggaggcaga | cagatgtctt | ctagctgagt | ttctaaccgc | atgatgagac | 2640 |
| tcagaccttc | cgctgcaact | gaaaatctgc | aacagtgtcc | ctgagtcact | tctccttagt | 2700 |
| gggcagactc | gtgttagatt | tgtggaaccc | agctctctga | tttactcctt | ttggaaaacc | 2760 |
| catggaatth | catgtataag | gctttcattt | gtattttaag | gtttttctgt | ttgttttgag | 2820 |
| tatatacatg | gtgctcaata | gcaacatctt | acagatgaa | gcagtttatg | attccactcc | 2880 |
| ctcctgtatg | acaggtagcc | actatactga | atcaagggtc | tgaactcaaa | tcacaaaatt | 2940 |
| ctggcttacc | gatacaacaa | ccaatacatc | tttgttctgt | aatgtaaaat | ttgactcctt | 3000 |
| actttttataa | cttatttaaag | ttaaaatgtc | tgtgtttttg | caatcaaaaa | | 3050 |

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<220>
 <223> nbla20123

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| tctgccccct | ggatgaagtt | agcatttttt | ggcccagagga | gcatctgctc | tggcactgaa | 120 |
| acagcaatac | cgacacggag | acgagagcca | tgcataaaac | ctcagtttcc | gagccccagc | 180 |
| caggacatgc | cgagtgaagta | tcttgctttt | ctttgtgggt | agaatcaagt | gtcatctaaa | 240 |
| aataaccggg | tggtaggaag | aagtcactgc | atagtacaat | gccaagaaac | ccggggatca | 300 |
| gagagtcctc | cgataactga | tgctgctcgg | ggctcacggt | tgtttggaag | actaaatctg | 360 |
| cctccatttt | ctgtgccgga | aaaatcatcg | cttcctgcca | ccacagaaac | cttacctttt | 420 |
| gcagaagctg | ggaaccggag | tacttagcag | caatggattt | tatctcccca | ccaaaagccg | 480 |
| aggcccagag | cttcacccta | cagggagaag | gggcacagga | agatatgtaa | caccctgtgc | 540 |
| acagtcaaca | cgcacgcaca | cgcacacgca | cacatgggac | tatggctgaa | ggagcagtgc | 600 |
| gatgtaacat | gtttttaaaag | aagaaaagat | agaaaaagcg | gcttggtaga | aactgccagc | 660 |
| acaaaaactg | caaagcgag | cgcgaggagg | ggcccagagg | gggtcgcgga | gttaagaatg | 720 |
| cgaaaagtct | cccaggctct | ctaaaaagac | cactgagttt | cattcgaacc | actgcccag | 780 |
| gactcgaccc | cccaaactgg | gcatcacctg | gcaaatagca | gtcagaagaa | atccacccat | 840 |
| ccccccccca | aaaaaagaag | tggggcgga | gtagagcaaa | gaggggggaa | attcagcggc | 900 |
| ccatggaagt | tggattcggt | aaccaggctc | caaagttggg | gccgtcactt | gagtagagac | 960 |
| ggggttttac | cgcgttagcc | aggatggctc | ccatctcctg | atcttgtgat | ccgcccgcct | 1020 |
| cggcctccca | aagtgtctga | attacaggtt | gccctgaatc | tcaagtccag | aatccacta | 1080 |
| gaggacctgt | tacggtggag | agaagatcag | tctccattaa | ggttggcgat | tgatcaggac | 1140 |
| tatttatcaa | gaaaatcaaa | gacaaagaca | gatcctagga | ggttctcatt | taaccaaatg | 1200 |
| gatagaaatc | agatcactgt | tgaacatcta | ggttggaactg | actttgccgc | tctactcaaa | 1260 |
| tggtgaaggc | ttccttcttc | caacagactg | tgtggcagca | tgaattatgg | gcagggatct | 1320 |
| gtgactgctc | aactttttct | tggaggccct | gctcaggggt | tcagctgtcc | tgttcctcag | 1380 |
| tgtcacatct | tccacaaagc | cattcaccct | ttaaggattc | actgagcact | catcctgtgt | 1440 |
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SeqList[1].txt

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SeqList[1].txt

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SeqList[1].txt

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 <213> Homo sapiens

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SeqList[1].txt

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SeqList[1].txt

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| tccttccatt | tgacctaatt | taactgggtga | aattttaaagt | gaattcatgg | gctcatcttt | 1680 |
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| gatggccttg | aaaagcaggc | tagtctaacc | atgggtgctat | tattaggcct | gcttggtaca | 1860 |
| cacacaggtc | taagcctagt | atgtcaataa | agcaaatact | tactgttttg | tttctattaa | 1920 |
| tgattcccaa | accttggtgc | aagtttttgc | attggcatct | ttggatttca | gtcttgatgt | 1980 |
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| ttcagtcctg | gaacatgacc | tttagtctgt | ggactccatt | taaaaatagg | tatgaataag | 2580 |
| atgactaaga | atgtaattgg | gaagaattgc | cctgcctgcc | catctcagag | ccataagggt | 2640 |
| atcttttgcta | gagctatttt | tacctatgta | tttatcgttc | ttgatcataa | gccgcttatt | 2700 |
| tatatcatgt | atctctaaag | acctaaaagc | actttatgta | gtttttaatt | aatcttaaga | 2760 |
| tctggttacg | gtaactaaaa | aagcctgtct | gccaaatcca | gtggaacaaa | gtgcatagat | 2820 |
| gtgaattggg | ttttaggggc | cccacttccc | aattcattag | gtatgactgt | ggaaatacac | 2880 |
| acaaggatct | tagttgatat | tttgggcttg | gggcagttag | ggcttaggac | accccaagt | 2940 |
| gtttgggaaa | ggaggagggg | agtgggtggg | ttataggggg | aggaggaggc | agggtgtcta | 3000 |
| agtgtgact | ggctacgtag | ttcgggcaaa | tcctccaaaa | gggaaaggga | ggatttgctt | 3060 |
| agaaggatgg | cgctcccagt | gactactttt | tgacttctgt | ttgtcttacg | cttctctcag | 3120 |
| ggaaaaacat | gcagtcctct | agtgtttcat | gtacattctg | tggggggtga | acaccttggg | 3180 |
| tctgggttaa | cagctgtact | tttgatagct | gtgccaggaa | gggttaggac | caactacaaa | 3240 |
| ttaatgttgg | ttgtcaaatg | tagtggtgtt | ccctaacttt | ctgtttttcc | tgagaaaaaa | 3300 |
| aaataaatct | tttattcaaa | aa | | | | 3322 |

<210> 24
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 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a22826

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| gaaatggaaa | taaatccaaa | atagcaccat | cagaataagt | gccatcagca | aaccagaaaat | 120 |
| ttagttgtgt | tctggaaagc | cgaaagtaat | aaaaccctac | tgaaaaatac | ccctgaacag | 180 |
| ggaaggctcg | gacacagcaa | aggaagaatc | agacaggaac | aagttttagt | ggtgggtggga | 240 |
| acagccccc | ggagccccag | gaaagaccac | atttccactg | gaccccaaga | gagaacaagt | 300 |
| gcgaattgct | tgcatgtgat | ggaacacctg | gccatccttc | aaccattacc | cctccacccc | 360 |
| catcctcacg | gattcccaca | cagagctttc | aggatgattt | tttctcaaaa | acccccaaaa | 420 |
| acaaaaagta | ccataatatt | tgctaaaaaa | aaaaaaaaat | tgaacagttc | actcctcact | 480 |
| gagaactaat | accaaagaga | gaaacagaat | acatttctaag | atagtaccag | accttaaaaa | 540 |
| tagatgacat | ggagtaaatg | cagaagagtc | aactatttct | caagggaaat | aaacaaaaat | 600 |
| tctatacacc | taaagtacag | tgctttatat | ttttcttaga | ggagtgggtg | gaggaagggtc | 660 |
| ttgggcttac | agcttgcttg | gaggcttctc | ttctcttgag | ccctaaatga | atccttcaca | 720 |
| tcagcatacc | ctgccactt | acaaagagcc | ataaatcagc | tcttccctac | aaaggatagg | 780 |
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| accaattttt | tatttaaaaa | tatgaatata | taaccagtga | cgccaaaaag | aaagactagt | 900 |
| cccaaaggaa | atctaggaaa | tctaattcaa | ggtaaaaga | aaaaaagttt | caagtataat | 960 |
| tgagctcctt | agaaaagatt | gaaattattt | gtgttaaata | aaaagagaac | agattggtat | 1020 |
| gaaaaagagg | taattacaga | acaaatgaac | acttgagaat | taaaaatatg | attgacaaac | 1080 |
| aatagaaggg | atgataatag | ctgaagtctg | aaacgttgaa | tataaagttg | aaaacttttt | 1140 |
| ttttctgagt | ataaagcaaa | acacagatgg | aaaatatgaa | agggattgaa | gatacacagc | 1200 |
| cagtcaagggt | ggcagaaaaa | gaaaatggag | aggaatgaat | aataacagaa | atagagcact | 1260 |

SeqList[1].txt

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<212> DNA
<213> Homo sapiens

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<220>
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<210> 26
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<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a20578

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SeqList[1].txt

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<210> 27
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<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a21908

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SeqList[1].txt

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 <212> DNA
 <213> Homo sapiens

<220>
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<210> 29
 <211> 1426
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a22082

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SeqList[1].txt

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| tttccataaa | tataactgtg | ctggaatata | tattttgtata | tttaccaccac | agggataata | 1020 |
| atacattatt | ttgcaccttg | ctttgttaaa | atattttaaaa | taattttaaat | gacaccacaca | 1080 |
| accctgtaaa | tgtttatgga | tgatgaaact | gaaattcaaa | agttaaattg | ctggatgggc | 1140 |
| gtggtggctc | acacctgtaa | tcccagtact | ctgggaggcc | aaggcagatg | gatcacctga | 1200 |
| ggtcaggagt | tcgagaccag | cctggccaac | atgggtgaaac | cctgtctcta | ctaaaaatac | 1260 |
| aaaaaaaaat | ttagcgggtc | atgggtggcac | atgcctgtaa | tcctagctat | tcaggaggct | 1320 |
| gaggcaggag | aatcgcttga | acccaagacg | cagaggctcg | ggtgagctga | gatcatgccca | 1380 |
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<210> 30
 <211> 2062
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a23303

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| gcgagcgtgg | tggacaggtc | ccgaacttgg | ccagcgggct | ttcttgga | cttgctttgc | 240 |
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| atgcgcgtca | gcatactttg | gcggtagttc | ttcatgtggg | ggatgggtcag | cgggagatgg | 420 |
| cacttcataa | gatctgcggt | ggtcacccca | gtcatcatcc | gacgtgttgc | accagtctgt | 480 |
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| gtggcacttc | ctaagttctg | cgggtgggtcac | cccagtcac | atccgacgtg | ttgcaccagt | 600 |
| gtgtgttgct | gtttgagccg | tgctgcccag | cccttccagg | gcactctgcca | cgggcacctc | 660 |
| ctccagcccc | tgactaaga | ctcaagagag | tcgaagaacc | aggaatcgt | tgtaataaca | 720 |
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| cgccagagca | tggcgggaac | tttccgagag | ggcggtgtgt | ttccaggcgg | ttccaccttc | 1080 |
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| ggcaagtagc | tgcccgcgtc | tgtagcgcgc | cttgattagt | ttccactgca | tgtgttttaa | 1200 |
| cacagtcctc | ctttttccac | gtttattttg | gccaaccctg | tctgcaaaga | tccagtttaa | 1260 |
| tacagatttg | agtctacgtg | ctatagcctg | gaaatgtact | aaagacacta | caacatattg | 1320 |
| ctgaaagaat | agaatcttta | ttctgaatgc | aaagcggaca | cctagtaaaa | aattctggaa | 1380 |
| taataaaaaca | agcaaggctt | atgtgctcag | ttttggggac | gcttcaattt | aaaggcttag | 1440 |
| tcattgtcac | ggtgtaagg | ttaccattg | cccccatcac | acagatgtgg | gattgttgag | 1500 |
| agctgagtg | cctatgacct | cttctgctgc | ccaagaactt | ggggtgggtg | gtaactggag | 1560 |
| aaatcaaagt | gatcagctgc | aaagaacgct | tccattgctg | gagcttggtt | gtgcgggatt | 1620 |
| ctccacggag | gtcttaaggc | agagacaaaa | acaaggactt | tgggaggctc | ctgtgagcag | 1680 |
| ccaaaagggt | ttagagtcag | gcagcctcag | gttacaaatc | cagtcctgca | ggctaggagt | 1740 |
| tgtgtaagct | taaaaaagtg | actgcacttc | caggaacatc | atttccctac | ctgctcctcc | 1800 |
| ttctgacggg | ttttctgagg | acaatggaat | ccacactctg | tgtcgaacac | ttttctaatt | 1860 |
| agcgatgtgc | agacactgtt | tattttacag | gaataaaaaat | gccagaagaa | cccaagtcac | 1920 |
| attcatttaa | agcaggggtga | caagtacacc | aaaatctgaa | aatcatcac | taaagaactt | 1980 |
| atccatgtaa | ccaaaaacca | ttgaaataaa | agtaaaactat | ggaaacaaaa | tttaaaagta | 2040 |
| ataaaattta | aaagtccaaa | aa | | | | 2062 |

<210> 31
 <211> 1592
 <212> DNA
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<220>

SeqList[1].txt

<223> nb1a20264

<400> 31

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agatgttagc ttgtgtctga gatctgtttc tctaaaaagg ataaggctct ctctaccctc 240
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<211> 859

<212> DNA

<213> Homo sapiens

<220>

<223> nb1a20269

<400> 32

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<210> 33

<211> 1800

<212> DNA

<213> Homo sapiens

SeqList[1].txt

<220>

<223> nb1a20406

<400> 33

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| cagacacttg | tagagagagg | aggacagtta | gaagaagaag | aaaagttttt | aaatgctgaa | 120 |
| agttactata | agaaagcttt | ggctttggat | gagactttta | aagatgcaga | ggatgctttg | 180 |
| cagaaacttc | ataaatatat | gcagggtgatt | ccttattttcc | tcttagaaaat | ttagtgatat | 240 |
| ttgaaataat | gccccaaactt | aatttttctcc | tgaggaaaaac | tatttctacat | tacttaagta | 300 |
| aggcattatg | aaaagtttct | ttttaggtat | agtttttctct | aattgggttt | gacattgctt | 360 |
| catagtgcct | ctgtttttgt | ccataatcga | aagtaaagat | agctgtgaga | aaactattac | 420 |
| ctaaatttgg | tatgtttgtt | tgagaaatgt | ccttataggg | agctcacctg | gtggttttta | 480 |
| aattattgtt | gctactataa | ttgagctaata | tataaaaaacc | tttttgagac | atatttttaa | 540 |
| ttgtcttttc | ctgtaataact | gatgatgatg | ttttctcatg | catttttctc | tgaattggac | 600 |
| cattgctgtg | gtgtctgtga | catctgggtgc | tgctcatccc | catccacaaa | ctggaaaaatg | 660 |
| atttcctatg | taatcatgca | tccaactggg | ctgtgctatt | tttttaaatg | gtttgtattt | 720 |
| gaacatgggtg | attcctcctt | cacttcacct | taacggaatg | tctttatttg | aattttattt | 780 |
| gtaaaatgtg | tcctgtttta | atttttcaat | ctttaaaaaat | aatttttatg | tacttttttt | 840 |
| ttttttttta | ccctttctgc | actctgggtc | atgggtacca | ctgcaatggc | ttcccctttt | 900 |
| tttatgggat | accaactgca | atatgggtcct | caatgctgtt | ctggccattt | caatgactaa | 960 |
| tgccaaacat | ctgtatgact | aattttttta | tgtaaaaaaa | atactgttta | atgctggctc | 1020 |
| tatggtgatt | tggttttact | aaattgggtt | tctcgttggg | ggtggtcttt | tgaatactgg | 1080 |
| gttttatata | ttctgctatt | tttaacgtgt | ggtttttttc | gatatctggg | ttctaaaaga | 1140 |
| aatctttgga | attaagagaa | aaacaagctg | aaaaggaaga | aaagcagaaa | acaaagaaaa | 1200 |
| tagaaaacaag | tgcaaaaaag | ttgcgtaagc | tcttaaaaaga | agagaagagg | taaactataa | 1260 |
| tattcagtat | ttttaaaactt | aaggcaacta | ctgaattgaa | cccaaagtgc | catactggag | 1320 |
| gtaaagtata | taaaaatatg | aaagtatttc | aagtgcgaat | cagtgactgt | taagaatctt | 1380 |
| tagcaaatat | gtgttccatg | tattttctta | ttaaagagat | gaagtggaa | ttaaggctag | 1440 |
| aattctacaa | aaaaagagta | tcttagaatt | aaaatataga | ataagttact | ttaattatgt | 1500 |
| tttaggaaga | aatatttttag | aactagagca | gtggttctca | actaggggtg | gatttattca | 1560 |
| cccggggaca | tttgacaaga | tgtggagaca | tttttgattg | ccataactga | taggggtgcta | 1620 |
| ctgcatctag | tgtataatgg | tcagggatgc | tcttaaacat | attttaaaagt | tggaacgcat | 1680 |
| gtggatgcta | tgaatgaata | caataaagct | ttggaaatag | acaaacaaaa | cgtggaagct | 1740 |
| ttggtagctc | gtggagcatt | atatgcgaca | aaaggaagtt | tgaacaaagc | aatagaaaaa | 1800 |

<210> 34

<211> 1716

<212> DNA

<213> Homo sapiens

<220>

<223> nb1a20949

<400> 34

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| ggcgctaccc | gcctccggt | ggctgacgac | gggcgcccc | gagccgccc | cgctgtccgg | 120 |
| agccccaacag | gacggcatca | gaattaatgt | aactacactg | aaagatgatg | gggacataatc | 180 |
| taaacagcag | gttggttctta | acataaccta | tgagagtggg | caggtgtatg | taaatgactt | 240 |
| acctgtaaat | agtgggttaa | cccgaataag | ctgtcagact | ttgatagtga | agaatgaaaa | 300 |
| tcttgaanaa | ttggaggaaa | aagaatat | tggaattgtc | agtgtaaaga | ttttagttca | 360 |
| tgagtggcct | atgacatctg | gttccagttt | gcaactaatt | gtcattcaag | aagaggtagt | 420 |
| agagattgat | ggaaaacaag | ttcagcaaaa | ggatgtcact | gaaattgata | ttttagttaa | 480 |
| gaaccggggga | gtactcagac | attcaaaacta | taccctccct | ttggaagaaa | gcatgtctcta | 540 |
| ctctattttct | cgagacagtg | acatttttatt | tacccttctc | aacctctcca | aaaaagaaaag | 600 |
| tgtaggttca | ctgcaaaacca | ctagccagta | tcttatcagg | aatgtggaaa | ccactgtaga | 660 |
| tgaagatgtt | ttacctggca | agttacctga | aactcctctc | agagcagagc | cgccatcttc | 720 |
| atataaggta | atgtgttagt | ggatggaaaa | gttttagaaaa | gatctgtgta | ggttctggag | 780 |
| caacgttttc | ccagtattct | ttcagttttt | gaacatcatg | gtggttgga | ttacaggagc | 840 |
| agctgtggta | ataacctatc | taaaggtgtt | tttccagtt | tctgaatata | aaggaattct | 900 |
| tcagttggat | aaagtggacg | tcataactgt | gacagctatc | aacttatatc | cagatgggtcc | 960 |
| agagaaaaga | gctgaaaacc | ttgaagataa | aacatgtatt | taaaacgcca | tctcatatca | 1020 |
| tggactccga | agtagcctgt | tgcttccaaa | tttgccactt | gaatataatt | ttcttttaaat | 1080 |

SeqList[1].txt

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|-------------|-------------|-------------|------------|------------|------------|------|
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| accttttacag | tgccaagtta | aagttttacct | tattctcggc | cgggtgcagt | ggctcatgcc | 1200 |
| tgtaatccca | ggactttggg | aggccaatgc | gggcggatca | cgaggtcaga | tcaagaccat | 1260 |
| cctgccaca | tggtgaaacc | ctgtctctac | taaaaaaaat | aaaaaaaatt | agctgggtgt | 1320 |
| ggcgggtgcac | gcctgtagtc | ccagctactt | gggaggctga | ggcaggagaa | ttgcttgaac | 1380 |
| ccggggaggcg | gaggctgcag | tgagccaaga | tcacgccact | gcactccagc | ctgggtgaca | 1440 |
| gagcgagact | ctgtttcaaa | aaaaaaaaagt | tgaccttatt | ctctaaaagg | gctggctatt | 1500 |
| catatgatga | attgttaagg | aaaacttaaa | gtggaagaga | acacatgtga | agagactttg | 1560 |
| aaattatcaa | aagaaaaaaa | aaagaccaga | caaaatctca | tgtgccata | acttttcaag | 1620 |
| gtgcctttgt | taaggaaatt | atatccactt | aattactata | atatataaga | ctttatgaaa | 1680 |
| agcactttat | aaaattctaa | tttaaaagggt | caaaaa | | | 1716 |

<210> 35
 <211> 2442
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a21251

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| caataagcat | gtcttattct | agccctgac | ccaacactga | aagcgaagta | ctttataaag | 120 |
| aagccagcaa | ttatgagggt | ttctttatgt | tagtagggga | aaaaatggta | ataaaagtac | 180 |
| cagtgtagca | agtgaagacc | aaatttatag | cactgtgcat | tagatagcaa | aatcagggtc | 240 |
| ttacaatga | aaagtaaac | tcaagtttct | aaatccatat | gcagatgggt | aggctgtccc | 300 |
| tctcttagca | aatctctcag | cctccttctt | tcccaagtgc | caaggatccc | tgagagtaaag | 360 |
| ctctggggct | tggtgtctct | ttctgtgagg | ggaaggctgc | ggccctattt | gccccctctc | 420 |
| agcaaacacc | cccaccacc | tgccgcttcc | tggtgttatt | gagccagcta | ggagttactc | 480 |
| atggactcta | acctgggttt | agtcctcatgt | acatcgttgt | tttaggtttc | atactgaaga | 540 |
| gccaatgggt | tatgtgggtt | tattctgtct | taaatataag | tttcaaggaa | gggaaaacaa | 600 |
| aagtgataaa | atgatagaac | agtctagagg | ccactgtaaa | gtcaccgcca | ctttacgtgt | 660 |
| atgtcagctc | tggtgttctt | gtatgagtaa | aatggatgta | aaatcataaa | atcacagtga | 720 |
| atgtttcagg | ctacactgga | aaaagtatgc | acttagaatt | aaaggaaatt | gtataattca | 780 |
| ccaagatttc | tttgtgtaga | tcaggggttg | gcaactatga | cccacaggct | aagactgggtc | 840 |
| agcggctctg | tttttcacag | ccatgagcta | agttaccttt | ttaaagggtt | atataagtaa | 900 |
| ttacatcata | tttttgattt | tgcccttggc | ccacaccaca | taaaatattc | aatacctggc | 960 |
| cttttttttt | tttgagacag | agtcctcgct | tgtcacccag | gatagagtgc | actgggtgcga | 1020 |
| ttttggctca | ctgcaacctc | ttcctcctgg | gttcaagcaa | ttctccctgc | ctcagcctct | 1080 |
| aagtagctgg | gactacaggc | acccactacc | atgccttgct | aattttttgt | tttttaatat | 1140 |
| agatgggggt | tcaccatggt | ggccaggctg | gtctcgaaat | cctgacctca | ggggatccgc | 1200 |
| ccgccttggc | ctcccaaaact | ctcgggatta | caggtaggcc | actgcgcccc | gccaataacct | 1260 |
| ggccttttaa | gaagtgtgct | gactcctggt | atggatgaca | gaaaatggaa | taacgttttg | 1320 |
| tttctccagt | ctaggaaaag | caagtcagggt | agtggataga | ctgactggcg | tccggggagc | 1380 |
| ccagggtatg | tgagggccac | gtggatggaa | gcaaatgcct | cctgcatagc | ccttggctct | 1440 |
| ttgtcccaact | tgggaggagt | ccatggatgt | aatattttaca | aaacaatttt | ttccttacca | 1500 |
| tttgcagaaa | gcattgcata | tatttccttt | tagctcagga | aactggcatg | ccccaccctc | 1560 |
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| acctcagcag | gaccacagag | caagggagtc | aaagctttct | taattctctc | cagtaaataga | 1680 |
| ctcaactaat | ttgatttttt | taattaagtc | aaaatatcaa | gagaaaaatt | gctactaaaa | 1740 |
| cttacatttt | gatccacact | gatgtgcaac | acaaaatgaa | agttttcacc | tccattccat | 1800 |
| tttttaaaaa | ttcacgggtcc | acactgaaac | ttgctgggtt | ttagcaggag | acaaagggtgt | 1860 |
| cacccacgct | gtcctcatcc | tgctctctct | gtcccagtg | cgctccagca | tatgatcact | 1920 |
| gcagccgggt | cctggcccggt | gccgattctg | ccacctccca | gccacacaca | tttgagacac | 1980 |
| cacaagaaga | actgtagcct | gataaatttc | agttcagggt | ggaaaaatgc | catgcaataa | 2040 |
| tctgggtttg | tttcagtaag | taggcaacaa | gtgaaaactg | tataattttc | atcacctatt | 2100 |
| ctgctgttct | atctaaaatg | agtgtacctg | tggtttgtga | actgggccct | tgtttgtgcc | 2160 |
| agatccttca | aagatgttcc | ctgtcaggac | acctgtggcc | ctgcccctcc | tcagacacct | 2220 |
| tcccactggc | attcacgttc | cttatatgca | gtgttagcca | tctttggcct | acgtggactt | 2280 |
| tttttgtaaa | ttacaccatt | tccagacatt | aaacttttta | tattatgaaa | tttaccatgt | 2340 |
| aaaaagaact | tcataattttt | attgagattg | ctaaggcact | tggccttcct | cctttgtgat | 2400 |
| tttcagtgtc | tattaaagca | tgagttccct | cagttttaaa | aa | | 2442 |

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 <211> 1731
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a21334

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 <211> 3077
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a21356

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SeqList[1].txt

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ttgtccaaca ctgctagaaa aactgtagga ggtacatgga gaattcctat agttccttagg 780
taagtgcagg acatggcaca gggatcccta tccacataaa ggggaatctg gatgctgcac 840
acctcaattc tgagaaatcc ctgactgaac ttggaattat gacagtaaag ttttcgtcct 900
ttagttttct agagcagctc acagaaatct taaaaagtaa aacaaggcca ggcgcagtg 960
ctcatgcctg taatcccagc tctttgggag gctgaggcgg gcagatcacg aggtgaggag 1020
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gctgggcatg gtggcgggcg cctgtagtcc cagatgctca ggaggctgag gcaggagaat 1140
cgcttgaacc tgggaggcag aagattacag taagccaaga tcgccccact gcactccagc 1200
ctgggcgaca gagtgagact ccgtctcaaa aaaaaaaaaa aaaaaaaaaa taaaacaaaa 1260
ataaagtcta tgcccattaa gacgtcttct aattcagttg tgattgtctg ctctacttta 1320
aaaaaatatt taagcttgat gtttaattat tccctttcag caaatttgga tcagaaaaatt 1380
aaagtatgtg acaagatcag gtcaccttga atttccacac aatctcaaga cactgaatag 1440
caaaaaagta acattacata gtaatgatta ggatatttcc ttagactttg ctggatcttt 1500
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gcctacaagg ggtaaacaag gctaccagaa cttgaatttg acttataggg agctaccag 2040
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tattgtgttc ctttcccctc caagcagctc cctttataca attttgctca ggcaaccaag 2640
gacagagtat cggcagaaac atggagtgtc ttgttatagg ccacctgtac ataaaagtgt 2700
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ttactgtaaa tgcagtacca catctagaag tcccttagaa aaagcagccc aggactgaat 3000
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```

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<210> 38
<211> 2043
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> nb1a21418

```

```

<400> 38
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ataagtatta cataacaggg atgtgtgtca cagcggggaa gggggaagag ggtgagctgg 120
gatatgtttg taattcagat gaggttcttg ggggaagatct cactaaggag atgacattga 180
ggaaagacct gaaggaggtg aggcagcaag ccatgaggaa gaacattcta ggcagaagga 240
agaaaagcaag tgcaaaagact tcacctcgag ggaggagcgt ttgaatgatt ttgcagaaaa 300
acagagaggc cggtatgact ggacagtctg agtaaagaga agaatgagat gggatggatt 360
cagttgcaag tgattgaaat gaataacaag cattcatcga tccaaggatt caatgaccct 420
aagtattctt aggtagaaa cagggtgaca ggcagggtga aataaaatct tcctctattc 480
tgtagagctg tgacttaacc ttccagtctt gtgaaaatat gtatttattg gtactgctgg 540
acagtttttc tgctggctgt ggagagagtc ttggtgaaca gagaggcctg cagcaaaaga 600
gttaagagat actttctact ctagatgaat cagacagaaa tgagtcattt tttaaattac 660
agagggtggac accactttac ttagcaactg tccttttgaa aattagcttt aatttttttt 720

```

SeqList[1].txt

```

atctcagtc  taatcacgga  actataatta  ctggaaagga  ccttgttgt  catctaacc  780
agctctcatt  ttatagtttc  ttaagaaact  aaggtatgaa  gtgtagctga  aatactatta  840
caaataaatc  tattcactat  ttaaaacagt  attctcataa  ggaatctttt  gaaaaatata  900
tataatccct  taaatttata  gtttcaaaaa  tgttttaaaa  ttttatgaa  gtccctacta  960
tgtatttgac  actattcttg  catctgggaa  ttcagccaca  attaataagg  tagatttcat  1020
ccctactcag  tcagcattta  cattgtgctg  tgagggtgga  gtagggttag  ggagagctgg  1080
gagtagtatg  tatagatgac  aaaccagtat  gttaatatat  ggacaaaata  atttcagaga  1140
aagataagtg  atataaagac  aatcaaagca  cagtgatgaa  tcagaagaat  tagaaagtac  1200
cagagctgtg  gccatgcagt  gccgctctga  gaaggatgaa  tttgagcaga  gaacagatcc  1260
accttcagga  gttagtggta  tgggaatggc  atggggaggg  gaccagggtt  tccagtcaga  1320
gggtacagcc  agcaciaagg  cccgagcttg  ctgtgttcaa  agaacagaca  aaaaaaccgc  1380
atggttgaaa  tgtaatggag  gtgtgatatg  taagatgggt  gtggagaggt  gcaagggtgg  1440
cagcccacat  ggggcctctt  aaagactgtg  gttagacagg  tctacgaaaa  tgtcagaaag  1500
ctttcaacag  ggaaatgttg  acatcaggct  tcatttttca  gaagatctgg  cttctgtgtg  1560
gagaatggag  tatgttggga  caaaagacga  agtgaggaga  ttagatagat  gccaatttta  1620
ccagctccgg  caagagaggt  tgaggcttat  gcttggttag  cactggaagt  gaagaagtag  1680
gagcagactg  gattcttttc  tatcagattt  ggagtacat  tagccgtata  aatcattgtg  1740
gggcggggaa  tgcctgggtg  cgtggctcgt  gcctgtaatc  ccagcacttt  gggaggccaa  1800
ggttgggagc  attgcataag  gccaggaggt  ccaaactagt  ctgggcaaca  cagcaagacc  1860
ctgtttctac  aaaaaataa  aattaaaaat  taggtagacg  tggtcacatg  caccagtagt  1920
cccagctact  ggggaaggta  aggtctggag  atcttttgag  cccaggattt  tgaagctgca  1980
ctgagccgtg  atctcaccac  ggcactccag  cctgtgcaac  acagttagac  cctgtctcaa  2040
aaa  2043

```

```

<210> 39
<211> 1181
<212> DNA
<213> Homo sapiens

```

```

<220>
<223> nbla21480

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```

<400> 39
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agatttaaaa  tgtttttacc  atttcctgaa  tccttggact  gttttctgtt  tggttgctcc  180
acactatagg  attcagtttg  agtattttgg  taccatccat  ccctcccaga  aggtaagctg  240
gttgatgcaa  cttttgtgga  taataagtgg  ctctgttctg  gttgatgggt  tttctgagaa  300
gtatagacag  agaagctgtc  taaacataag  gaacaaagtc  agtatcagtg  ttacatgaac  360
tgtgaacatc  atctggaagc  caatgaatgg  atccctattg  tgaagtgagg  cgctcaaaga  420
gatgtatcat  actttgatct  taagtaaatg  tgctgggtcg  ttccacattg  ctctgccttt  480
ggagcagctc  gtgatgaagg  tgacctaaaa  agtgagcacc  attagaactt  gattgctgtc  540
ccaaaccatc  atatctttta  aaatcctatg  atcttcttag  ttatgcagg  aattgaatac  600
cttggttaaa  accaggaatg  taaatggcca  gaaacctaac  agtgtaaaag  agtgaaattt  660
attagtagtt  cctctcataa  gactattttg  taaagaaata  actagagata  tgtttgatat  720
ttatagcaca  ttcatggcaa  ccattaaaaa  tatcaaaatt  gattatgtgg  gaaaatgttt  780
aatgggaatt  gctcagtttt  tttccataaa  ggattataga  atatgttcaa  tatgatccca  840
ctttttgaaa  atactcagga  aaaaaggatg  tataccacag  tgggcacagt  gactcacacc  900
tgtaatccta  acactttggg  aggtctcagt  ggaggatcac  ttgaggccag  gagtttgaga  960
ccagcctggt  caacatagtg  ggactacatc  tctaccaaaa  aaaaaaaaaa  atatatatat  1020
atattagctg  ggcattgggt  tgcatacctg  tagtcccagc  tactcaggag  atctgagggt  1080
agaggatttc  ttgagcccag  gagttggagg  ctgcagttag  tgaggattgc  accacttcac  1140
tccagcctgg  acgacagagc  aagatcctgt  ctcaggaaaa  a  1181

```

```

<210> 40
<211> 2312
<212> DNA
<213> Homo sapiens

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```

<220>
<223> nbla21509

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SeqList[1].txt

<400> 40

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|-------------|-------------|-------------|------------|-------------|------------|------|
| aacgatgacc | tgaccaccaa | gccaccatag | gaaggagcca | cggagctgcc | tcctaggcca | 60 |
| ggatccagaa | cgagccaagg | gaaggccgag | atatccccag | ggtacctctt | ctcagcagca | 120 |
| caaagaggag | tttattttca | aagacagtgg | aagctggaaa | agataaaaagc | cttgaaattg | 180 |
| aaatgcaaac | aggagagccc | tgccagaaca | aggctgtgtg | tctttcaaac | cccatctgag | 240 |
| aaagagaggc | tacctccaca | gagctgcgtc | agggcagggt | ctgggtcacct | cctgggacaa | 300 |
| acaggaggaa | gctcgcagtg | ggaccaccac | ctagagtggc | agcccaggcc | tgggtccccg | 360 |
| ccaccgaagg | gtccgcagag | cactcctggg | catcctcagg | tgcatgccaa | gatttcagaa | 420 |
| agcgttacag | aagtgcagca | tccttcaacta | cagccaagat | acggaaataa | tgtaactgtc | 480 |
| tggttgatgga | caaataagata | aagaaaaattg | atgtatttac | acaatggaat | actttttggc | 540 |
| catgaagaag | aaggaaagtc | tcccattttgt | gccaacctcg | atgaaccag | aggacaggat | 600 |
| gctaaatgaa | atgaccagg | cacaaaaaga | tgcatatcac | atggtcttcc | ttatacatgg | 660 |
| aactgaaaaa | agctgaactc | acagaagcag | ggggtagact | ggtggttgcc | aggtgctggg | 720 |
| agaaatgggg | agatgtttgc | aaagcatgca | aacctccagt | tgtaagctgg | taagttctgg | 780 |
| ggatctagca | tggtgattat | agctaatagt | actgcagtgt | ttacttgaga | cttgctgaga | 840 |
| gggtggacag | taagtgtcct | caccacacac | atgcagaggg | taaccatgct | gggtgatgga | 900 |
| tgtgttcatt | agcttgactc | agtagttatc | ccgtcacaat | gtctatgtct | attgaatcat | 960 |
| cacttgtaca | tcttgaacat | acagtttctg | tgtgtcaatc | ataacctcagt | aagctgcggg | 1020 |
| ggagtgcac | attcaccact | ggccatcagt | aagactggac | aggaccacca | aggcagacat | 1080 |
| aggggggcta | gaaacccaaa | agtgcagatg | gtgaccctac | ttaccacata | cagataacag | 1140 |
| agactagaag | aacaatttga | tcctcttcat | gatgcacttt | ttttggaaga | caagtctttt | 1200 |
| caaagagaaa | gatgacaata | ataacgaaaa | cgccccagag | gacacaaatt | tggaactacg | 1260 |
| ggcctcaagg | aagccacaac | acctggtatt | ctcagcattt | cttggtccct | gacagacctc | 1320 |
| tttgaccaac | tgcttcaaac | tgacactttc | tctttctgtc | acctcagata | aatcatttca | 1380 |
| ccgccttaaa | atgcaggctt | cttcattttg | agaatgagag | aggagagactc | tgtgcactcc | 1440 |
| ttctgtgcct | cgctgtttc | tcctagggat | cctcaacacc | cttcagcttg | tggacagcag | 1500 |
| cacacgagga | cactgagcat | tctgttttag | tccctctagt | ggctgctgaa | tggcgtagt | 1560 |
| actcatgtgg | gcttagcgag | ggcaggagct | gtctcacggg | agactgcccc | ccaccgcct | 1620 |
| tccacaaatg | ggggagaagc | aggaggcagc | agcaggcatg | tgctgtgtct | atcacggccc | 1680 |
| ttttaaaaa | tgctgtttaca | gaaaatgtca | aactgcacag | gaatagagag | gaggagcggt | 1740 |
| aaccagcggt | tgcccatcag | ccagcttcag | ccactgtccc | ctctcagcca | agcctccttc | 1800 |
| cctcggcagc | tgcccatgct | cacacccttt | atgctccact | catatttattt | ttgaatcaaa | 1860 |
| ccacagacat | attaccattt | catccgtgaa | tgtttcagt | tacatctctc | aaagatagga | 1920 |
| tgactcattt | ttataaatat | aactataata | ccattgtcac | acctaataaa | cttcacaatt | 1980 |
| tattatgtta | catttaccca | ctcatgtccc | taaggagcgg | tcacacagct | ttcatgagt | 2040 |
| aacacaacct | cttctcattg | ggaacatgag | gaggggaagg | gctgtgaaca | cctaaagtga | 2100 |
| gcagacacgc | tgaaccaaa | cttggatttt | cttccgtgac | aacagctggg | tctctgcgt | 2160 |
| ttgaacacac | tcgtgatcag | cagaggaaa | tcaagttcag | catgtctggc | ttcatacttg | 2220 |
| tggagaggag | gtggggtaac | aataatgatg | ataatgctat | taatagcaaa | ggtggaggaa | 2280 |
| ttaataaatg | accactgtgc | caggcgcaaa | aa | | | 2312 |

<210> 41

<211> 2764

<212> DNA

<213> Homo sapiens

<220>

<223> nb1a21527

<400> 41

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|-------------|-------------|-------------|------------|-------------|------------|-----|
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| tttattacta | atgtgtttga | aaaagcaaac | aatgaaatga | ctatttgatta | tgatcttaag | 120 |
| agatgagtat | tgttttttct | ctaggattta | taaagatgca | tcagagttca | tctatagaag | 180 |
| gacaggtagt | gttttgggaag | catctataat | tctctttgtg | aaacatcagt | aagtctattg | 240 |
| tagtttaaga | aagtttcata | ttactattat | tttagttttt | atctctaaaa | ttctatgaaa | 300 |
| cattttgaag | tataaaataa | atattttttaa | aagaaagaga | acagaagtag | cttaaatgat | 360 |
| catattttac | tcttaatgca | cttttaactt | tctcaatact | atattttctt | ctccatctgg | 420 |
| ggtagcggtta | aaaaagagcc | ttcctaacac | ctcaggaggg | aaagggcaac | acagggcatt | 480 |
| ggactcccca | tggaaatgaa | agagtagctt | cagcattttg | aggatgatta | ggatgagact | 540 |
| gtgggggttga | ctgaagaatc | atcaattaga | gagggctggg | aaaacaaact | tctagaaaga | 600 |
| tttgggttaa | ctttaaacca | ttgtaacaat | tatctaatac | acgtgatgtt | tttctagcga | 660 |

SeqList[1].txt

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|------|
| ttaaaatcaa | gtggaaaaat | ataactatca | aatttcaa | tatttcagag | tcattgcatat | 720 |
| tgatcatcag | cccatatttt | caatctgctg | gtgcttgttt | tcaaccaaga | tttaccatgg | 780 |
| ggctaaccat | gatgtcactt | gctattagtt | aacctctgta | cttctttact | tatagttgtt | 840 |
| ttaaacaagc | aaaagctcat | agagtgattt | aaattatatt | ttaatgatgg | aaattccaag | 900 |
| agctctttca | catactgtaa | ttatctgcca | taaagaagag | taccccgttg | gtgctctggg | 960 |
| cttgcatccc | aacaccacca | cttactggct | gtgtaatctt | gggcaaatta | tttaactctg | 1020 |
| gttttccttt | atctgtaaca | agggcatgta | atagttctac | tcatttggtt | gttatgaggt | 1080 |
| ttctgcgcat | tcattctacat | aaagtgtctga | gaatcagacc | aagcacatag | aagtaccatg | 1140 |
| aaagtgttca | ttatggatga | cgggtgatgtc | ggagtgcacat | tgtatagtta | taagagttgc | 1200 |
| tattatggct | acataatatc | cttcacaatc | tttcaagtat | ttctaacaat | gttgtgcca | 1260 |
| aatatttgct | aaacaaaact | taattcactt | ttgttggtga | tgttggtgta | tgtttctcgt | 1320 |
| gtcctgtgcc | actgagaagc | aagtcaaagg | aatggagcca | agtaattgct | tttaatggct | 1380 |
| cagagatgag | ataatggatc | cagtcaatgt | aaccacaggg | agtctaaagc | caggggtgtac | 1440 |
| accacaggcg | tgggtgccaa | tatcagtgct | gagacagaga | tagaaggagg | agcgcaacaa | 1500 |
| atgtttaaac | agcaggctca | gcaaggctca | acagagaaac | aaaatgtttc | tagaaaattac | 1560 |
| aaaatcagag | actccatcac | ttggcccata | catgtcaata | gagtgtttga | tttaattcag | 1620 |
| aaataatttc | caactatgct | tttctctgca | ggttaatgct | agtaagaact | actccatggc | 1680 |
| taatttggtc | ttcagagtaa | actgaactaa | tactttccaa | gtgcaagctg | cctcaagttg | 1740 |
| ataaatgcct | aaatttccaa | aatactacaa | ccaaaagcaa | agttttccag | ttctccagat | 1800 |
| acaatttttt | tatagatacc | tcaacatgca | caaaaactttt | ctttgttgct | gttggttttt | 1860 |
| gagacagggt | ctcgtctgtg | cacccggggc | agagtgtaat | gatgtgaaca | cagctcactg | 1920 |
| cagcctcaac | ctcctgggct | caagcagtc | tccagcctca | gcccccaact | agctgggtact | 1980 |
| acaggcctgc | accactattc | ctagccaatt | tttgtatttt | ttatagagac | ggggctctac | 2040 |
| tgtgttgccc | aggctgggtg | tgaactcctg | ggttcaagca | gtccaacttc | cttgggtctcc | 2100 |
| caaagtgcct | ggaatacagg | catgaccacc | atgcctggcc | acagaaaact | cttatataaa | 2160 |
| aatttccaac | aagtatgaaa | gagtgtttta | atactctcta | actcttcatt | tactatttaa | 2220 |
| aataacaaaa | ttgtaacttg | aaagttggat | aaaaaaactc | aatgagaaa | taatgtctca | 2280 |
| acaaccgttt | cttactatga | aagaaaattc | aatatgatct | tttcacacca | tataagacct | 2340 |
| tattttgccc | ttgtttataa | cccactttct | ttggggggcc | acatgaataa | acataatttg | 2400 |
| catatatcca | tagtctgaat | taggacattt | ctattcttgc | ttgaagaatt | tgatgtttag | 2460 |
| aaaaatttct | cagcactggc | caggcacggg | ggctcatgcc | tgtaatccca | gcactttagg | 2520 |
| aggccgaggg | aggcagatca | gctgaggtca | ggagtgttag | accagcccaa | ccaacatgga | 2580 |
| gaaaccctgt | ctctactaaa | aatacaaaat | atcgccaggca | tggtggcaca | tgctgttaat | 2640 |
| ccagctactg | caggaggctg | aggcaggaga | atcgcttgaa | cccaggaggc | agagggtgca | 2700 |
| gtgagccgag | ttcgtgccat | tgcactctag | cttgggcaag | aagagtga | ctccatctca | 2760 |
| aaaa | | | | | | 2764 |

<210> 42
 <211> 2141
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a21551

| | | | | | | |
|-------------|------------|------------|------------|-------------|-------------|-----|
| <400> 42 | | | | | | |
| catatgaaaa | aaccaaaagt | ctttatttta | tcacccggtc | tgccgattgt | gttgaatcaa | 60 |
| gggtgtcagtg | attctaggtg | gttctgtctc | cccctaaact | gagacagagc | agatacttca | 120 |
| ggaaaacgtg | gaagttggct | cgtacttcta | caatcctact | ggcccagcct | gaccccatg | 180 |
| tgacagcttt | gagagttttc | atgcagttag | agacaaacac | aggtcaatga | caacaactac | 240 |
| agcatgtgat | gtgtgtctta | tgatctaagc | actttcagag | cctttcaaaa | actcagggtc | 300 |
| tgtgtgtctg | ggcactgtga | acttgaaaga | aagccttcac | cctgtccctg | ataaccctgt | 360 |
| gttgtcctca | gatgagccca | tgtctaaagc | tcccatggcc | aaagacagtt | accagcttct | 420 |
| cacctagccg | gtcacctctg | tctaacttgg | tatgatcact | gacaactttg | gccaattaat | 480 |
| gaagaggtgg | cctcaaatgg | ttcaggaact | cgaaaagc | atgtctgaag | gggctaattg | 540 |
| tagtgatagg | aaactataaa | agtaaggatg | ttggattaga | agttagctga | tcattcaggag | 600 |
| atcaagacca | gcttggccaa | catggtaaaa | ctccatctct | actaaacata | caaaaattag | 660 |
| ctgggtgtgt | tggtgtgcac | ctgtagtccc | agctactcag | gaggctgagg | caggagaatg | 720 |
| gcttgaacct | ggaagggtga | ggttcagtg | agccgagatc | tcaccactgc | actccagcct | 780 |
| gggtgacaga | gcaagactcc | gtctccagga | aaaaaaaaag | aagaaatcag | ttgactgtac | 840 |
| tacctttact | ctcaatccag | ggctctatat | tctagtccca | cctacttatg | tcttgctgtg | 900 |
| ggaccaccag | gaagtcttag | cttcttaggg | cccagggact | tttcaactgct | aagtttaagt | 960 |

SeqList[1].txt

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<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a21735

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SeqList[1].txt

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<210> 44
<211> 3851
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a22247

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SeqList[1].txt

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<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a22477

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SeqList[1].txt

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<210> 46
<211> 2680
<212> DNA
<213> Homo sapiens

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<220>
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2680

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 atattgtggg aatattatag ctggtaacca gctgatattg attcttatta taggaatgac 960
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 aaaagtatat attatattgt gcccaattta ttagaaatta tttgatcaat gcttcatttc 1080
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 ctacagctat atagtgtgta tgtgtgacag aagtgtactt ccttccctct ttttgagctt 1260
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 <211> 1409
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a23198

<400> 48
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 ataatttttg tcacttctat ggcaggattt ttttattagg ttaaaattat cttttaaaca 180
 ccttccggaa ttttagaata ttcatttaata atgtcttcaa acctttcaac tgaaataaat 240
 ttacagctga agtctgatga tttaaagtta gaaagttaa tcttgaatat aaatgaacat 300
 tttctctccc acattttctt gggcattttg agaagtaaatt gcgttattta ttgggtccatg 360
 aaatgtgact gtaaatattc tttgctatac attatgtcta tatatctgca ttcataccta 420
 atgccaaaac tagaatcatt agtcttaatg atcattttaa gtacaggcag tcctcgcttt 480
 ccttgatacc atgttaaccg aaacttgtgt atgtcaacac ggtgtccttg ctttgcttgg 540
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SeqList[1].txt

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| cgaatcaggt | catagactat | ggaattgacc | ccaccccacc | aacattttta | cagctaccct | 660 |
| gatttctgac | cagaaaggaa | aaaaaaactt | tccagctcta | tcacacattt | tacctactct | 720 |
| taaacttagg | aggtattaca | aatagcattt | tctcatgttc | tctttctggc | ctgtacctcc | 780 |
| ctgctaagct | tccttcagtg | ttcatcctca | cctcatagag | agatgaagtg | aagagacaaa | 840 |
| cagaagtcac | tttcttcctt | acttttagtg | tttctggttt | agttagtttg | ggccaaactg | 900 |
| tggacaagta | ccttttcagg | taactttttt | ttcttatttc | tatgtcctca | acacctagtg | 960 |
| gagtacgtag | ccaatagtag | atgcttaata | aacattttct | aaattaatat | tgttgacctt | 1020 |
| ttctgacctt | gttcttgaca | gtaagggtaca | taatctgcct | tcattccctt | agtccttagg | 1080 |
| aacagataaa | gtcatggata | tgaagtgat | cactgtcatt | aatatccaca | ttaaaattgc | 1140 |
| tcttgatttt | agtttctcca | taatcatatt | ccctaaacaa | tgaactctgt | tcaccttttt | 1200 |
| ttttaaaata | tgcacagtga | atattactgg | tagcccaaat | cttctaaca | aaaatttcca | 1260 |
| ttttgtaaaa | gcttctgata | agcatatatg | ttatgaattg | aatgtttgat | tattatactt | 1320 |
| taatattctt | gaaaatattg | atacctggac | tggaaagaaa | acagacaaaa | gtaaatctca | 1380 |
| gaataaatta | ctgcttttaa | catgaaaaa | | | | 1409 |

<210> 49
 <211> 2433
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nbla23328

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| gagtatgaac | tactttggaa | aacttaacag | ctcagagatg | gccatgcctc | cagcccccta | 120 |
| cgatcatctt | gcaacagacg | actgggctgc | catggtccac | ccctcagccc | gggtcccggg | 180 |
| tctggatgga | acgggagcac | tgctggtgcc | cactggcggtg | tgtgccccgg | gtccctgtaa | 240 |
| gtgccccctc | accagcagca | gcgtgacaca | cacaagactc | aagaccaccc | tgtcagtgcc | 300 |
| ccccagtga | cggcaaacgg | gcagggtgccg | ttccccaggt | gacctgaggg | tagggggaca | 360 |
| ctgagcagta | tctgaccagt | gccacccagg | agccagtcct | ctggccacat | gcagaaagtg | 420 |
| tggccccctg | ttacctagat | gttttgtaga | cttccatggg | cagaggggtg | ggatattgcc | 480 |
| tggattctgt | gctgtcagcg | ttgctgagta | tggccccagg | agaccaagga | gagttttgta | 540 |
| taggctggaa | aacccctttt | cagtccttcc | aaaattagag | ggtatggcaa | gtttcctttt | 600 |
| ttctctcctc | ccttccttcc | cctccttctt | ttcctttacc | cctcctttcc | ttccttcttc | 660 |
| ccttcctctc | ttctttcttc | cctccctccc | tccttccctc | ccttcccttc | tctctttcct | 720 |
| ccttccttcc | ctcccttctt | tcctcctctc | ccttcctctc | tcctctattc | cttcttctct | 780 |
| ttctcctcct | ttttctgagt | ggagggggaa | atattctaaa | ccaaaaatcc | tagatgctct | 840 |
| gccccaaagc | acttctgcat | gagaatcgca | accacagatt | ccccggatga | gactcggcac | 900 |
| agtggacagt | gccacctctt | tcctctcggc | cccggagagg | gcgaagtggg | cgggaagcca | 960 |
| ggatgtgagc | actggaattt | cttggaaagag | aagcgataaa | tggagaccat | ggccagcgct | 1020 |
| gctttctgtg | cactctgatg | actgctctct | gcagccatga | ggatgtggct | ttacatgcc | 1080 |
| gggagagtgt | tgagacgtct | taggttgagg | atgagcagat | tcgagatatg | tttgttgctc | 1140 |
| tcgggttttc | gatacaacat | catgacactt | ctgtttcaag | ctcatgtttt | ccgtctcccc | 1200 |
| tccactctta | gtaaaccttg | atctgtacgg | agcggcctgt | ccgaggctac | gccggcctcc | 1260 |
| tggctgctgc | tggactgtgc | ttaggacagc | gcccattgcct | cggagggact | ctgtcccatg | 1320 |
| agaaccacct | gtgcaaagga | acagagctgg | atgtttccag | gtagattttg | gcctcccaga | 1380 |
| gcaatgcggc | atttgagaag | caacagttcc | taactcctta | tcttcaggga | aggaaaagaa | 1440 |
| aatcacagcc | taggaagatg | gaggttggat | tttaatctcg | gttttaaaaa | gaggacaaac | 1500 |
| aaaatgtctc | taagccaggc | tagatggaat | gtgctcccgc | tctctcctgc | cggtgctgaa | 1560 |
| gtcatgcctt | gcggatgcct | catgacagca | gtggctgagt | ctccccaccc | acccccaacg | 1620 |
| tggctcattt | cagattgctt | cggccccacc | ctgcaaggat | gtggtcacgg | agtggccagg | 1680 |
| aggctccgtc | tgagccacag | ggatgggtgt | gcagagctcc | ctcctcctgg | gggtgccagg | 1740 |
| cagagatttc | aggcaggtga | gcccagagag | agctgcccag | ccacaccccc | tcggcctcct | 1800 |
| gcacggccac | cttctgggtg | aatcggtcca | gcccaagccc | ctctccccag | cctcgccctt | 1860 |
| agcctctctc | ccagcctgct | tttataaggc | gcacttcaat | caatgctgta | gccaaaaaac | 1920 |
| gagggggccc | agggagaggg | gacccagatg | gccacacacg | gaacgcgcct | ccacagcccc | 1980 |
| gggaggtggc | tcactctgta | caggtcttct | gaggccgtgt | ttgtatctaa | ctgtgactgg | 2040 |
| gctgaagcat | gatgttgcct | aatggttcgt | agcatggttt | ttatttctta | cgcattcttg | 2100 |
| gcacacagtg | tagctatcct | cctgacgagc | aacccgtctg | cgtacctaag | tgtggctccc | 2160 |
| cgtgggtcag | cgtcctggtg | gcatggatcc | agtctgaaag | gtgaggacaa | cgtggaaact | 2220 |
| catgagctga | gcctgccccg | tgggacacgt | ctccttcccc | ggtcaccttc | tggtttaggg | 2280 |


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                                SeqList[1].txt
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ttttaataaaa aacattattt tgttccttaa aaa 2433

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<210> 50
<211> 2201
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a23420

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gatctgcgac cccctgtgga cagaggttga ccgtaccccg gagaggagct ttctcacgga 300
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ttctaaaaag cctaggcatc ttcttatatt cagataccct atcgtcgtca gtcattggct 480
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aaaaaggtag aaaaagtga gtacaaatta cccaaatctc tccaccctta tataatcatt 2040
gtcaaccctt tgatgagtga tatttcccta tacctatgta cccagataga tatatgcata 2100
gataaaaagt atgaaatata agtgctgttc tatctgtatt ttttcaccaa acaatatatg 2160
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<210> 51
<211> 1806
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a23483

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<400> 51
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SeqList[1].txt

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| tatacagtaa | gtacgtgagc | cagtcaccca | tacactaagg | cctagttgag | aaaaaccttt | 120 |
| gattcaggat | ggctggggtta | ctaacccttga | aatgtaagag | atctgggtttt | gaatgtaaaa | 180 |
| gttgcaacac | acaaacggaa | gtcttaaaaa | ctttttgctc | tggtcagtta | cagggtggatc | 240 |
| cccaataatc | tgttttttgg | tttctgatgg | aaataataga | attaggggaa | atcaaactctg | 300 |
| gttggttaggt | gtctacagta | ttagaagagg | gtataagggc | actgtttaac | actaagttct | 360 |
| aatacttcca | gaaactgtgc | attccagatc | tacataactaa | atgctcttat | catttttgaaa | 420 |
| tgggctcttg | attaatagac | ccatatTTTT | tagtggcttc | tatgttgtat | atttgtctaa | 480 |
| aatgaaagct | cttttgcgtt | ctaaaaactac | aatafatgtc | atcttatTTTT | ccctgagtat | 540 |
| ccaagtatag | tgcagattct | atgtaaaact | actaaatgac | actggaatat | gttttagtaga | 600 |
| ttagggggaa | aaactataaaa | ggttttatata | attgttttga | gttacattta | ggatggactt | 660 |
| atcccttttg | agaagagtga | agttttgtttt | ttcgccatgt | gatgaagacc | actgtgattt | 720 |
| tttaaaaaag | tagataatac | ttaaaatggc | gtaataattc | tgcacttgaa | tttgtactgt | 780 |
| taacagcaca | tttggaagat | tttaaaactt | tttattgtct | tataaatagc | attcacttat | 840 |
| tattttggat | atttaagggt | tccattaagt | taacactgta | tttggacaaa | gtgtgaccaa | 900 |
| attagccagt | ctgttttctt | ccatgttttaa | ttagaagtga | gaggtagaag | tacttcaaat | 960 |
| tcaacaggcc | agcaagcaat | cggcttaaaa | ttccctttct | taaatgttgt | gctcttatgt | 1020 |
| tctcggcttt | ttaatgactt | tattttttaca | gtacttgttc | agtcacttga | gatgaaatgc | 1080 |
| ttggggtagc | ttttccatcc | tcaaacttaa | tgtttttact | agttcatagt | gtttggaaca | 1140 |
| gtatatgcc | atcacatgaga | ctgcatcaga | gtttgcaatt | ttgtatgttt | cattgccaaa | 1200 |
| gaaggcttag | tgggtgttga | ctgtagtata | agtcagcttt | ctgtagcata | agatttgatt | 1260 |
| ttcccatact | tacttcactt | gttatacatc | actgattatt | tgggttaaac | tggactcatt | 1320 |
| tcaagcagtt | tgcttttgtt | caaactcgtga | tgagaaaact | aatactgtaa | tttgatttga | 1380 |
| gccataaaaac | acattttaat | attagcttgt | attatagtta | ttaagcttgt | ttttgtggaa | 1440 |
| aaaaacttac | taaaactctag | gtaaactctag | attaggccag | ttcaggtgta | ttttgtatct | 1500 |
| tagtaatgga | tcatatcgta | aaaatagaga | taagtgtgga | agatatattg | attatgctgt | 1560 |
| tctgttgagg | gaaagggtcat | gtatttagaa | atttaaaactt | ttgggtattg | tgttcacatc | 1620 |
| atagatttca | agcatcattt | atagtttggg | tttgagaact | tttctgggtat | tacgtttatg | 1680 |
| gcaaatgtat | aaaagaaaca | agttttgggt | ataattttat | atttgtaaag | taagtttggg | 1740 |
| taaagtgtac | actgttcttt | ttttatttta | ttgtcatttc | aataaaaaat | atttgaaaga | 1800 |
| gaaaaa | | | | | | 1806 |

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 <212> DNA
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<220>
 <223> nb|a23808

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| gcacctgggc | tttttcgtca | tggtgctttt | atagcctagt | gggagagttg | gtgaagtaga | 120 |
| tagtgattca | gtgagatggg | tgttatgatt | ggtcaggggt | ctgtgggagc | accaaggaga | 180 |
| cagacaagat | tgatgtgcac | ctactctgtg | ccaggcgtgt | gccaggcatt | ggggatgtag | 240 |
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| gggtggaatg | ggacagagag | acacctaate | caccctgtgg | tggctttctg | gagagggagg | 360 |
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| tggaaatgtg | caagagatag | gagacatgga | catgggtgcc | ggtctgggtg | ccaagaagtt | 540 |
| tagattttat | ccttaggcct | tggggagcga | cggatatgat | ctgagaaaag | gagttagtgg | 600 |
| atttgagttt | taggctggcc | atttggtctt | tccagcccag | gtggaactca | gaggagtttg | 660 |
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| tcataggctg | caagtctata | agataattcc | attggggagg | gagcccattt | gtcatgcatg | 960 |
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| agggaaaaat | atgccttggg | gggtaatgaa | ccttttgttc | ccagaggcag | aaggattggg | 1080 |
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| gtctgctttg | gagctacttg | aacatcaagc | ttgctatgag | caggatctta | gagctgagga | 1260 |
| attggcctcc | caatccgaac | aggtgttata | atcctttctt | aataggttgt | gctgtggacc | 1320 |

SeqList[1].txt

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```

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<210> 53
<211> 1520
<212> DNA
<213> Homo sapiens

```

```

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```

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aggcaggaag gtagcttgaa gtcaggaatt taagacagtc tgggcaacat agtgagacc 1320
ccatctctat aaatgctttt taaaagtagc agggcatggt ggcattgtgc tgcaatctca 1380
gctacttgga tgggtgagtt gggagcgtcg cttgagccca ggagtctga gctgcagtga 1440
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gtattttaaag aaaagaaaaa

```

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<210> 54
<211> 2962
<212> DNA
<213> Homo sapiens

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```

<220>
<223> nb1a24011

```

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<400> 54
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ataaatatga atttagattc catacatcga ttaattgagg aaacacagat cttccagatg 420
caacaatcat caattaagtc acgcggcgac atggtggtcc ctgcctcacc cccaggggat 480
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SeqList[1].txt

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gctcactcat ataacaccaa caaatgggat atttgtgaag aacttcgcct gcgggagctt 600
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actgccaact ggagagaaaa atggagtaaa gtctcagctg aaaggaacag tgccagggag 720
gaaggaagac aactcagaat aaaactagag atggcgatga aagaattgag tacactgaaa 780
aagaaacaga gtttgccacc tcagaaggag gcattagaag ctaatgttac ccaggatctg 840
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gcaaatattg cagaactgac tcatgcaaac aaccgagtgg atcaaaatga agcagaagta 1740
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```

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<210> 55
<211> 1360
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a24235

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cacagtcacc tgtaagactt attaaaacag atcgctgggc cctacaccca gaggctgtgg 420
ttcagtaggc tgtagtaaac cagtaatttg tatttctatg acgttcccag gttcta atgc 480
tgttcccaa ggccacacct tggaaaccac cacattaaaa taccagaag gcattaattc 540
ccagtccttc ctctacacag ctgcaaaaca atggctctga catttcatc tttgcactac 600
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```

SeqList[1].txt

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gccccaccag cctcagcatc tctcacaact aggactaact ttttcttctg acaactataa 720
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tcacttgtct ggactaaaag taacccctcc ttgtctgggt tgtgactttc tgtactctga 1200
tgccccagc tttctgcctt ctagaaattt gtcagaattt ccaaaattct tgggccttcc 1260
ttcttgctct atatatggtt ttggattcat tcctttttaa aaatatttac tgtcatttca 1320
gtagaatttt gacacaataa atataagcac atcagaaaaa 1360

```

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<210> 56
<211> 2049
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a24556

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<400> 56
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agtattctgt gcaggccact ggagatacag tgggtgaaaa aactaaactt gttcccagtt 180
ttaatggaat ttccagctca gattgggaga taaacattaa gaaagtaatt ccactagtgc 240
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tgactttttg gctgcaatgc caagtggctg ttttctgtct gtgtgttctg tctgtctccc 540
agaatctcca aagtgttctg ttcatggatg gtatttaata aatggacatt cactggtaga 600
aagtatttga gagtctatta gaagttaaat ttgtttcaag gcaataaaat tctaaggcat 660
ttaagagttt tctctgttta aattttttaa caaattgtgt cttatttttt aacatcctac 720
taaataatga cattattagg cagctacttt tagataaaat gtgataaata ataccttctt 780
cataaattct gctctaagaa tctgtttata ttttgattta aaatagaaat cttttatgta 840
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attaatatgg actttgtata aaccactgtc atttataatc aaaatgcttt taacttacat 960
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actgtgctca cttagatata aatattcttg ttaatttggg aggatatatc 1980
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```

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<210> 57
<211> 1373
<212> DNA

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SeqList[1].txt

<213> Homo sapiens

<220>

<223> nb1a24800

<400> 57

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| ctgttgcttt | tttatggcca | tgttaaaagc | atctactttc | cccatgggag | gaaggtgcat | 120 |
| gctgagtgat | cctgttgagc | tgctactgct | ctgtcaggag | attcttggtg | atggacatat | 180 |
| gtctgaccac | ttgagaattg | tggtggagtg | aaatacactt | gcataagtca | attattaatg | 240 |
| acagttcctt | tagcaactcc | cagagaagg | ggggcatgac | ttcttccttg | gagctgactt | 300 |
| cagacaaatt | cacagatgct | aaaccctggc | tttttttttt | tttaacattt | taatttcctc | 360 |
| tcatagaatc | atcacaaaat | aagaaaacac | ttctttatat | cgtaatcata | attccagtg | 420 |
| tttcagtttt | atttcctttt | tccactaaaa | tcattcctgt | gtttcaatca | gtaaagtggg | 480 |
| cttcttgatt | tcatttgagg | tttgtatttg | tgtttttggt | ttccattcgt | ttatgtttct | 540 |
| ttggttcgta | gtgtcagaag | acgatgtttt | ttatgacaaa | ctgccctcgt | ttgaaaggcg | 600 |
| ctgtgaaaacg | cctgcaggta | tggtgctagc | caagtgatct | ctagagacct | agattccaaa | 660 |
| aatccaagcc | attatccatc | tgaatgctat | aaacttcatg | gacatgccct | cacctcatga | 720 |
| gtgtccagtg | cctctcagat | gcaccctgta | tatttactgt | tcatcgtgga | actcgtgcca | 780 |
| ctgaaaattt | ttaaagtact | atattcaaaa | acagcagggt | gcatgacagt | ttctcagtga | 840 |
| agaggttcaa | aaaagggtgag | atgctattgc | tttgtgaatt | tacaaaggaa | agaataattt | 900 |
| aactgctcag | aattacatgt | ccggtcactg | ctttttaatt | taaaaaataa | tagagcatca | 960 |
| ttagtaatct | tgttttctct | ttgatacata | ggtaaagggt | gttttggtgc | tggaatgccta | 1020 |
| agggtgattcc | aggggagggg | atggaagata | tgtgacatct | tccctgaaat | ttatattgat | 1080 |
| atgcaatgct | ttgtcattta | aaacctaagc | taatgttttc | tacaatccat | aactctgagt | 1140 |
| ttatcttttt | ggaaacatag | aaggggatga | cattgaagat | gaaatggata | cagcaattgc | 1200 |
| tgaatgacag | tttgcccaaa | ttagtgcagt | taaaatatgc | tgatgccctt | gcatggccag | 1260 |
| gaagacttct | gctccatgca | cacaagcacc | aagtatcaag | cgaccacca | cacattccca | 1320 |
| ttccttttag | cctccatagc | tttgcttttg | ctttctgttt | cctgaactaa | aaa | 1373 |

<210> 58

<211> 2192

<212> DNA

<213> Homo sapiens

<220>

<223> nb1a20001

<400> 58

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| tttctttttt | gtcaaaatat | cgatccaatc | agattggtaa | aaacccccac | acaaattaaa | 120 |
| gaggaataat | aaaaattgca | aaaataaaaa | aaaacttttg | caaatttttt | tatttttcct | 180 |
| tctttctttt | atatcatgtg | aactaaaaca | gtcttctgtt | aggggatggg | ggcaaggggg | 240 |
| atacctgatg | acattaacaa | tttaataaca | ttaacattgt | tgccaaagag | gtggtctctt | 300 |
| tgctgaaaat | gggtttcaag | aaaaatctat | ttttataaaa | tataaagaat | ttttacaaga | 360 |
| gaatctggat | ttgagaaaaa | aatattttga | ctggctaatt | taggggaaat | tgacaacttt | 420 |
| gtcgcgttca | tactgcactg | gtaacttttt | agagatcaag | atgtgtgttt | taaactggat | 480 |
| tcgtagactg | ttttttgaag | gatgggctat | aaacagatga | tcttcatatc | ttttcatagc | 540 |
| atgtaataat | aattaaaaaa | caattattaa | ttactagggg | aaaggagtgt | tcgttctacc | 600 |
| caggggtacca | cagttcccca | cagtcaaaac | ccaaaagcaa | ggagatgagt | tgaaagacag | 660 |
| tttttcttta | agtcatcagt | atgggatgtc | agcagaacaa | aaattaaaaa | gattaatttt | 720 |
| ccttttgatc | taaaacttcc | ttagtttgag | cagtaggtgc | tacaaaatta | tttacatatc | 780 |
| ttagtatcat | agttaaatgt | aatgtgttta | ggagaggaaa | acaaaagata | catttgcttt | 840 |
| aaattcatta | agaaattttc | aaattcactt | tgtagcccat | gctgatagaa | ttgggctgtg | 900 |
| ttggtacatt | tgaaacactg | tttatgttgc | ttgaaacact | tatttattta | atcgccgatg | 960 |
| tgatgatgcc | tatggccgag | atcaaatata | gctagattgg | ctagactact | tatttgttta | 1020 |
| cttaaaactat | gggaagaagc | atattattgt | gtcattctgt | tgtgtgtgta | tgtgtatata | 1080 |
| caatataaat | atatatatat | aaagttattt | tttctttggg | ttaatttatt | ataagttgta | 1140 |
| acactttggc | agttttggtt | gtatatgtct | taaaatgttt | tcttatgata | tttaagtgac | 1200 |
| agttaaagag | gtatcaaggt | aacttgtgta | gaactattct | ttgatataat | gtcatgtttg | 1260 |
| ttgtgaatat | tttttcttac | tgcacagtag | aaaaataaaa | acaactgagt | ctttatttta | 1320 |
| atgtaactca | gattggggaa | aacaaaacag | agctaaggga | acaaaatgac | tgagggagca | 1380 |

SeqList[1].txt

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<210> 59
<211> 1380
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a20083

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```

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<210> 60
<211> 1833
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a20182

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<400> 60
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tctgggacta taaaagctga atccccactg gagctggcct gagaggtggg aaatcagctc 180
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SeqList[1].txt

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```

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<210> 61
<211> 1664
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a20248

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SeqList[1].txt

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acacaagcgg ctacttggtc ttgatgcctt ccccgcaaa acagcaacca aactgttctg 1560
ggccaatatc accaccttgt ggtcatgatg aagaattgcc ccctttgccc tcaacacctc 1620
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```

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<210> 62
<211> 1531
<212> DNA
<213> Homo sapiens

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```

<220>
<223> nb1a20250

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<400> 62
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gacttagaga ctgccagatt tatggtgcat ctaccttttt atccatttga gcttgctttt 420
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```

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<210> 63
<211> 1871
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a20330

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SeqList[1].txt

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<210> 64
<211> 1474
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a23983

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```

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<210> 65
<211> 2167
<212> DNA
<213> Homo sapiens

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SeqList[1].txt

<220>

<223> nb1a24111

<400> 65

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<210> 66

<211> 1388

<212> DNA

<213> Homo sapiens

<220>

<223> nb1a24142

<400> 66

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ccactcactg caacctccac ctcccagctt caagtgatct tcctgcctca acctccaag 600
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SeqList[1].txt

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<210> 67
<211> 2357
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a24157

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<400> 67
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| gagaacacca | aaggcctttg | cagctgttgc | ctcacttact | ctcatcccct | tgttttctgg | 180 |
| tgctggcctt | ccttggagct | tcttaactgg | aattttattt | ctgatgacca | ctgggccagc | 240 |
| tgaccattg | atcatataca | ggctcccttg | ctatatgcat | cgtgtcacct | ccaagaaagg | 300 |
| ggccgggag | cagggcactg | gggtatgttt | ttagagcgta | gcctttgggtg | tggggtggca | 360 |
| ctaagggaac | acaaaagtgt | tggtgaggat | gtatcccacc | atggatcatg | tcatcccata | 420 |
| gggttcagg | tcaagacagc | tcaagagcgg | gtcctccctc | cctcccactc | tcaaggggat | 480 |
| ttaagataca | ggtgttcgtc | ccggtgcctt | gcattttgca | aatagaaagc | tcaggctgga | 540 |
| ctctgcacgg | gagcaggagg | agtgcacaga | gaagtgttga | agcctgggtc | tcttctagca | 600 |
| tcatggtttc | atgccatggt | cttcaaaaacc | cacggagaag | gttctgcatg | tttgccccta | 660 |
| gtgtcacttt | ttaaacttta | tttaactatt | gtagaaaactg | ttaggaaaac | ccgccttgct | 720 |
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| gggaacccct | tgggggccac | cggtgctttg | cttcaggctg | ctgggtagtt | ttgtgctgat | 840 |
| ctcaggctgc | tgctgtgca | tctgccttgt | ccgcagtggt | caagaactgg | gaggaaactg | 900 |
| ctctcctttg | ctttccttat | gcatgtaaca | ggattttctc | aacactgtgt | caccaaagca | 960 |
| aaacacagaa | ataatttggt | ggctaaggct | gtaactagcc | ttcataacct | tatctgtaaa | 1020 |
| actttgatcc | actcagcttc | atttttggct | ttttattggg | tcaaagatac | acattttaac | 1080 |
| tcataaagga | agagtatact | aataacccat | tactgctatc | cgtttgacgt | attgagatcc | 1140 |
| acaagagatt | taatttcgag | agggagagga | agggttctgc | tgctaagtcg | aaaaatcaaa | 1200 |
| gaagttagaa | aaacactgat | ctaccgagta | gagcactgtg | ctcaggatta | aagacctgga | 1260 |
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| tgggtctgta | aaatggggag | gttgaactgg | taagatcttt | ttaccttga | aattctataa | 1380 |
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| gggtataccc | ctgcttcagc | ttaacattat | tttcaaacca | acaaacatgt | cccgcaaaca | 1620 |
| catatattta | aatgacatga | catctgtgtg | ggctggagtg | ttttcccgc | ctcagcggca | 1680 |
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| aaatgtctgt | agcacctgt | gtacgaaggt | gtatagaagt | gtatagaag | cacccaaaag | 1860 |
| agcagcagct | tggctgggag | tggtggctca | cacctgtaat | ctcagcactt | tgggaggcca | 1920 |
| aggtgggagg | atcacttgag | gtggacggat | cacctgaggt | caggagtctg | agaccagcct | 1980 |
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| taatgaaaac | agagaaacca | gacttagcgc | cgactccagc | tcccgccctt | acatctggag | 180 |
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| agcagggggc | aaggcgccag | atgcagaccc | aggactccgg | aaaagccgtc | cgcgctccgc | 660 |
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<212> DNA

<213> Homo sapiens

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<223> nb1a24327

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SeqList[1].txt

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SeqList[1].txt

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 <213> Homo sapiens

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SeqList[1].txt

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| ggaggctgac | atggcaggat | tgcctgagcc | cagcagttca | tgactaagca | acatatggag | 900 |
| attctgtcta | tataaaaaag | taaaaaatta | actgggtgtg | gaagtgcata | cgctctagtc | 960 |
| caagctactt | gggaggctga | ggcaggagga | gttggaggct | gcagtgagac | gtgattgtgc | 1020 |
| cgctgtatcc | agcctgggtg | acagaaaaag | aagagaccct | tcctttaaaa | aaaaaaaaaa | 1080 |
| aaaaaaaaagcc | gggctgtgtg | gctcacgtct | gtaatcccag | cactttggga | ggccaaggcg | 1140 |
| ggcggatcac | ctgaggctcag | gagttcttga | gaccagcctg | gccaacacgg | caaaaccctg | 1200 |
| tctctactaa | aatacaaaaa | ttaactgggc | atggtgggtg | acacctacaa | tcccagctac | 1260 |
| tctggaggct | gagacaggag | aatcgcttga | acccaggagg | caggggttgc | agttaggtag | 1320 |
| gatcgtacca | ctgcactcca | gcctgagtaa | tagagtgaga | ctccatctca | aaaa | 1374 |

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 <212> DNA
 <213> Homo sapiens

<220>
 <223> nbla21037

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| acagagcccg | gggaaggagg | cagggcaagg | ccgggcttgg | gggcagggtg | tccgggcata | 180 | |
| cagccttgaa | gatgcacaag | aggaaaggac | ccccgggacc | cccgggcaga | ggcgccgcgg | 240 | |
| ccgcccgcc | gctgggcctg | ctggttgacc | tctccccaga | tggcctgatg | atccctgagg | 300 | |
| acggggctaa | cgatgaagaa | ctggaggctg | agttcttggc | tttggctcgg | ggccagcccc | 360 | |
| cagccctgga | gaagctcaaa | ggcaaaggct | ccttgccgat | ggaggccatt | gagaagatgg | 420 | |
| ccagcctgtg | catgagagac | ccggatgagg | atgaggagga | ggggacggat | gaggacgact | 480 | |
| tggaggctga | tgatgacctg | ctggcggagc | taaatgaggt | ccttgagag | gagcagaagg | 540 | |
| cttcagagac | cccacctcct | gtggcccagc | cgaagcctga | ggccccctcat | ccggggctgg | 600 | |
| agaccacctt | gcaggagagg | ctggcgctct | atcagacagc | aattgaaagc | gccagacaag | 660 | |
| ctggagacag | cgccaagatg | cggcgctacg | atcgggggct | taaaacactg | gaaaacctgc | 720 | |
| tcgcctccat | ccgtaagggc | aatgcccattg | acgaagcggg | catcccgcgg | ccagtggcca | 780 | |
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| ccgtggatgt | cgctgaattg | cccgtgcccc | caggtaggcc | ttgccccgtg | aggcctcgcc | 1440 | |
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| aggctcaggg | agctgaatac | aacataattca | agggttttgt | aaacttggtta | atcagtggga | 1620 | |
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| tagcctgggtg | tggtgggtgca | cacctgcagt | cccactctag | atcatgccac | tgtactccag | 1860 | |
| cctgggcaac | agagcgagat | cctgtctcaa | aaaaaaaaaa | aaattaatta | attaaaaaaa | 1920 | |
| gtaaaggccc | aagactctat | aggtgggaga | ggaatctgca | tctccaccat | aatggtgtga | 1980 | |
| gttggctctc | atcctgacac | acaataacca | ggcctcgact | ggccaccag | gcttcccccc | 2040 | |
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| ctgcagttag | ccatgggtcat | gccactgtac | gccagctctgg | gtgacagagc | aagacctcat | 2460 | |
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SeqList[1].txt

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<220>
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SeqList[1].txt

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|------|
| aatttcaaag | atacacagag | ttcccatTTT | tttcttatta | ctaacctctc | atatttgtca | 1140 |
| caactaatga | atattcaata | gagtattatt | aactaaagcc | tatacatTTa | tttagatttc | 1200 |
| cttagtTTTT | agctaacatt | ctTTTTcttt | gttccaggat | cccattccggg | ccaccacatt | 1260 |
| gaatttattt | gtcatttttag | gtacctcttg | gctgtgagtt | tcttagactt | tccttgTTTT | 1320 |
| tggtgaccct | gacagtttga | gggagtacta | gtcagtcagt | tatttttgca | gaatgcccta | 1380 |
| aattttagtt | tggctgatgt | ttttcttagg | gtttgactgg | ggttatgggt | tttggggagg | 1440 |
| aagaccacag | aggtgaagta | ccattctcac | caaattatat | taaaggta | taccatcagc | 1500 |
| atgccttata | ctattgatgt | gaactttgat | tgcttggtcg | tggtagtgtt | tgatcatgtt | 1560 |
| cttcactgta | aagttactct | tctcatcacc | cacttttctg | tactgtactc | tttggaga | 1620 |
| agtcactata | tgcatcccaa | atttaaggag | tgggaagtta | tgctccaccc | atttgtaagc | 1680 |
| agaaaatcta | cataatttgt | ttggcattct | tctgcatagg | aaaattatct | cactctccca | 1740 |
| gttattttatt | tatttgatct | ttttttatat | cagtatggac | tcatgggtat | ttcttttata | 1800 |
| ctttgggtta | taatccaata | ctaacacaat | aaagaaattt | ttaatggaga | tgatttcaaa | 1860 |
| ttcgttgcta | aaatgggcct | gacacctctt | gaccttggtc | aaacagagat | tctggatgga | 1920 |
| gcaaaagcact | gtgacgtcat | gtggactttg | aagggttaaga | aactacggat | catcaggaca | 1980 |
| tatttgctct | tccatctcac | agagaaaatg | gggatatacc | tcctcattcc | aggaaacttt | 2040 |
| cttcctatat | ttctaata | tccaggataa | aattcaatat | atatagtcag | tagcttcaaa | 2100 |
| gttaagcata | atttgtttac | tagaattctt | aaggcagatg | ttggatcatt | aactcattct | 2160 |
| cttagaataa | actttgggtg | ttataagtag | gcatcacata | atctgataca | ctgatattat | 2220 |
| atataataatc | gtgaaaaaca | tatcggatta | tatgatataca | cataatctga | tatatgtgat | 2280 |
| atataatcag | attatgtggg | atcatataat | ctgatataata | aatgtttttc | ataattatac | 2340 |
| atataatttca | agtataattg | tgaaaaaacat | ttgccagttt | aaagttta | atgtagacag | 2400 |
| aataatgcct | ggaggtatag | ggatataa | gggaattaga | gtaataaaa | aaataatttt | 2460 |
| agtacttact | acataattact | cattaacaca | aaagtaactt | tacgtataaa | atgcatgaca | 2520 |
| agactccatt | ataaagaagt | gtctgaaagc | tatagggcag | aaaggatatag | aacacagtat | 2580 |
| agactagaag | gagataaaga | caatcagaag | atTTtattca | ttcattttat | caacaaaaat | 2640 |
| ttacagagta | cctccaatta | tcagcagctg | tgctgaagat | taggtatatt | acctacacag | 2700 |
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| attgacactt | gtgcaggaaa | gggttacgtc | aacaggcctg | ggctgctcaa | accttgctga | 2820 |
| ttcccagagt | ctcaagactg | gtcttggcct | ggctcctggg | aagattactt | ctgagccctt | 2880 |
| ggctgagata | ggagtttatg | ccaacagtgt | gatttatggc | aaacacctgt | ttttgtatgc | 2940 |
| ctgaggcctt | ggatcatgct | gtaccaattt | gatctgaggc | ctgaagactg | gtagctaagg | 3000 |
| tgctgcatgc | ctacatgact | gacctccagt | aaaaaccctg | gacacatgcc | tcaagtga | 3060 |
| ttcgttggtt | ggcaacactt | tacatatgtt | gtcacacggt | gttgctgaga | aaattaagt | 3120 |
| tactccatgt | aatggcactg | ggagaggaca | actggaagct | ggtgctta | ttctcctcta | 3180 |
| ctccacgcta | tccacctttt | cgcttcgctg | agttttttct | gtatcctttc | aatgtaataa | 3240 |
| actttaacca | tgagtataac | agcaaaaa | | | | 3268 |

<210> 82
 <211> 1304
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a21198

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| cgcgctgctg | ggcaccatg | gacctcagcc | acggcgggcc | caggacgga | cctccaggag | 120 |
| gcctgctggg | ggaacaggtg | cggggcatca | ctggggctgg | aggccggggt | gctggggccc | 180 |
| ccataaccctt | ggcctggatc | aggcctcaga | ggagccattc | ctgtccatct | gagcctgctc | 240 |
| tgggcctccc | gggacactgc | ctttccacct | tgctctgcag | atccagcctc | catccacca | 300 |
| cttctccccc | gagcagcggg | ccctgctcta | cgaggacgca | ctctacactg | tcttgaccg | 360 |
| cctgggtcat | cctgagccca | accatgtgac | ggaggcctct | gagctgctgc | gatacctgca | 420 |
| ggaggccttc | cacgtggagc | ccgaggagca | ccagcagaca | ctgcagcggg | tcaggagagt | 480 |
| tgagaagcca | atattttgtc | tgaaggcaac | agtgaacag | gccaagggca | ttctgggcaa | 540 |
| agatgtcagt | gggttcagcg | accctactg | cctgctgggc | attgagcagg | gggtaggtgt | 600 |
| gccagggggg | agccccgggt | cccggcctcg | gcagaaggct | gtggtgaggc | acaccatccc | 660 |
| cgaggaggag | acccaccgca | cgcaggtcat | caccagaca | ctcaacccc | tctgggacga | 720 |
| gaccttcac | ctggagtgtg | aggacatcac | caatgcgagc | tttcatctgg | acatgtggga | 780 |
| cctggacact | gtggagtctg | tccgacagaa | gcttggggag | ctcacggatc | tgcatgggct | 840 |
| tcgcaggatc | tttaaagagg | cccggaagga | caaaggccag | gacgactttc | tggggaacgt | 900 |

SeqList[1].txt

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ctgctgtgtc tgtgcgcac gcccccctccc cggacagcac ctgccacctt gaaactttct 1260
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```

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<210> 83
<211> 1656
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a21298

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aaggagtacc acctgatgct cgggtcagga tgagaattcc aaacacactg ccagcccctt 720
cactggggat gcttggtctc ttctgctggt aaaagcagag atgtttctgt gtcatgcccc 780
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gggtaacaac tgctgagctc aaagatttgt gattgttaaa acttctctg catttaatac 1620
ttaataaaca tctgtattgt gacagcagca taaaaa 1656

```

```

<210> 84
<211> 1800
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a21379

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tcagctgcag tcgacttcgg caggttcaga gcactcctgac ccagagcagc aagtctcggc 180
cggatgggat cctctgcatc ctaggaatcg atagcaggtg caatgaaggc tgcagagagc 240
tggcaaatta tcttctattt ggtttgtaca atcagaatag cagtgtttt gagaaaacgg 300
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SeqList[1].txt

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| tgtactgtaa | tcctgtaaac | tttcgctatc | tcttacctta | tgtggcacat | tggagaaatc | 420 |
| tgcatttcca | ctgcatgacc | gaaaatgagt | atgaagatga | agaagccgca | gaagaattta | 480 |
| aaattaccag | ctttgtggac | atgggttcgag | actgtagtag | aattggcatt | ccttacagct | 540 |
| cccaaggcca | cttgagata | tttgatatgt | ttgtgggtga | gaaatggcca | attgtacagg | 600 |
| cctttgcact | tgagggcatt | ggaggggatg | gattttttac | catgaaatat | gagttgcagg | 660 |
| atgtgagttt | gaatctatgg | aatgtctaca | gcaagatgga | tcctatgtct | ctggagagtt | 720 |
| tgctttcaga | tgatttggtg | gcttttgaac | atcagtggac | tagcttcttc | gctaattttg | 780 |
| acacagaaat | tcctttcctg | ctagaacttt | cagaatctca | ggcgggtgag | ccattcagaa | 840 |
| gttatttcag | tcattggaatg | atctctagcc | atataactga | aaacagccct | aaccggcagc | 900 |
| catttgttct | ctttggtaat | cactccacac | gagaaaacct | gaatgctggc | aactttaact | 960 |
| tcccttctga | aggacatctg | gtacgaagca | ctgggtcccg | cgggagcttt | gccaagcaca | 1020 |
| tggtagccca | gtgtgtctca | ccaaagggac | ctcttgcttg | ttcgagaaca | tacttttttg | 1080 |
| gagctactca | tgttccttac | ttgggtgggtg | acagcaagct | gccccagaaa | actgaacaaa | 1140 |
| tgtaagtctt | catattttat | tttttctttc | tcaaagttga | gttactcagt | tgtgactgtc | 1200 |
| ctgtgtactt | ccttttgaga | tcaacagatg | ttaagacatc | tgcttttgct | gggtgcggtg | 1260 |
| gcgcacactg | taatcccaac | attttcggaa | gctgaggtgg | gaggatcgct | tgagaccagg | 1320 |
| aattcgagac | cagcctgggc | aacataagca | gaccctgtct | ctacagaaaa | taaaaaatta | 1380 |
| gccaggcata | gtggtgcaca | cctgtggtcc | cagctactca | ggaggctgag | gtgggaggat | 1440 |
| cacttaagcc | tgggaggtcg | agatttctct | gagctatatg | attgcaccac | tgactctctg | 1500 |
| gcaacagagg | gagactgtgt | aaaaaaaaaa | gaagaagaag | aagacatctg | gtttatgaca | 1560 |
| tgaacattac | tgtgttgttt | cccaagtttc | tctcagcttg | gaattcaggc | cagagaacct | 1620 |
| tgccagcttt | gccatctgct | cttctctcta | gatttcagag | acttcttacc | tgcacacca | 1680 |
| tgcatttatg | atgtaactct | ccttgatatg | ttttctatat | aatgcatttt | taaattaagg | 1740 |
| gcttttctaa | gaataaacca | tcctgaaatc | cattgggaga | atcatgtgaa | acccccaaaa | 1800 |

<210> 85

<211> 2150

<212> DNA

<213> Homo sapience

<220>

<223> nb1a24705

<400> 85

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| cattctgtgg | gccactcccc | acccaagctc | cacgtgtgtc | cgtctgtgct | cctggcctct | 120 |
| gggggaccag | ctgggacatg | aacttgtctg | ccaggccccc | gtcgcgtgct | gaacgggtgt | 180 |
| agttttagg | taacgcacac | accccacacc | taagggtgtc | gcatcctcct | gccaacgcat | 240 |
| gggctccacg | tggtgtgtct | gctggctgtc | gtgactgtca | gctgtctctt | gggaggggct | 300 |
| gtggggggccc | gctgggctgc | ctcctttccc | gctagtgtg | cctgagagtt | gctgttgttc | 360 |
| ctgctttccc | ttcccttccc | ttcatcccc | gaagggttag | gtgtgggttt | tccgtgcccc | 420 |
| gtatccccac | acacccagca | cggacaaccc | ttcggcagag | cccaggcccg | ccccctaccc | 480 |
| cctggagtat | tgaaactgga | gtcccgtccc | caaggccttc | agagatgccc | ctacacaccc | 540 |
| agggctccag | ctctggtcct | tctgggggag | taaagtgcaa | agaggggcac | agcttagttt | 600 |
| tgggcctctc | gccgagcaag | agacagcact | gctggctaca | gtccaacac | agccagctgt | 660 |
| ggcaagagga | ctctgcctgg | gctggcccc | ctcctgtgtg | aggtgtctgt | cccttctctg | 720 |
| ctggccagca | gcagatgcac | tggcagctcc | caaccctggt | tccgccccct | ggccctcccc | 780 |
| cagcctgttc | ggcttctctg | cagcccgcga | gggggagcag | acttttgaca | aaggactgct | 840 |
| ggcctcgctc | aagtccttga | gccccagct | gaagctggga | ggggaggcca | ggctttgtgt | 900 |
| ctgggcatat | tcgtctgctg | atgggggttt | gggaagcctg | gggcttgggg | tttggtcggg | 960 |
| tggtgcagct | agtggcagag | cgggatcaga | gggtggtggc | gcccagcttc | tgggctgaga | 1020 |
| caagggtctg | tgcaggggtt | tactgaagtg | ggagtgcctt | tggaatctgg | gccgggagca | 1080 |
| gaaggggagca | aaagctacag | tgggagccag | ccttagggcac | atgggaggcg | tgagggcagt | 1140 |
| gctgcccgtg | cagtgtcagg | tgtgccagtg | cttggtggcg | ctgcagtgcg | tgtgagggca | 1200 |
| ccttctaggt | gggcccaggga | tgcagctatg | gagataaggc | gggctggggg | cagaaacagg | 1260 |
| tgggcacagg | gcccaggaca | ccagcggatg | gagggcaggg | tctagccctg | tgctcctgag | 1320 |
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| ggggagctcg | gggacagggc | aagcccagag | atggtggggc | tgagggtggg | gtctgaagcc | 1440 |
| agggtgggtg | ggggtgggtc | caagccctga | ctgcagaggg | tcaggggctc | ctgccccagt | 1500 |
| gcctgcccac | tttcaattca | cattgttttc | aacaaggatt | ttctttatct | ttccctacaa | 1560 |
| atcaagccaa | gggaggggca | cagaatgggg | aacaggacac | aggatcctaa | actccaaggg | 1620 |
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                                SeqList[1].txt
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<213> Homo sapiens

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<220>
<223> nb1a21385

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```

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<213> Homo sapiens

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```

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SeqList[1].txt

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<210> 88
<211> 1343
<212> DNA
<213> Homo sapiens

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```

<220>
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tttgattgtt aaacagaaaa tgggatatct tgaagtttgt agttgtagtc ttaggtctgt 180
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atttatagaa taattgagca gatactacag agaatttcca tatacctcat ataccacct 360
cattccaact caatctcccc attcatgggtg ttctctgata ttaacatgca ttagtgtggt 420
aagtttggtt cagttaatga acgaaaattg atacattggt gttaactaat gttcataaca 480
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tgtatctacc attacagtat catgtggaat agtttcactg accgaaaaac caatatgtgt 600
cacctgttta tccatacccc tgctagccac tgatctgttt cctgtctctg tagtttttgc 660
tttttccaaa atgtcatata tatagccatg tgttgcataa cgatgttaca ctcagtga 720
attgtatata tgatgggtgg cccaaaagat tataatggag ctgaaatact cctatagatt 780
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SeqList[1].txt

| | | | | | | |
|------------|------------|-------------|-------------|-------------|-------------|------|
| cataacatca | tagcatctta | tagattaggg | atgttatagc | tgtcataaca | tcatagcatc | 900 |
| ttatagatta | gggatgttat | agctgtcata | acatcatagc | atcttagtgc | aatacattat | 960 |
| tcacatgttt | gtagtaatac | tagtataaac | taacctattg | tgctaccagt | tgtctaaaag | 1020 |
| tatagcacat | ataattgtgt | acagtacata | atattttgata | atgataacaa | atgactgtta | 1080 |
| ctgtcatata | tttattagaa | tacacatttt | attatttttag | agttttattcc | ttctacttat | 1140 |
| ttaagaaaaa | cagcctcagg | cagggtccttc | aggaaatatt | ccagaaggca | ttgttatcat | 1200 |
| aggagatgat | cactcagtg | gtgttactgt | ccctgaagac | cttctagtgg | gacaagatct | 1260 |
| agaggtggaa | gacagtgaga | ttgatgatcc | tgatcctgtg | taggcctagg | ctaattgtgtg | 1320 |
| tgactgtgtc | ttagttttaa | aaa | | | | 1343 |

<210> 89
 <211> 1484
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a21681

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|------|
| <400> 89 | | | | | | |
| taggagcaat | gactgtttggg | caggatggca | gcagatgaaa | gctcacagaa | cactttgcgg | 60 |
| ctccagttca | aggcaatgca | ggagatgcag | cacaaatggt | tacagaagca | gatggagaaa | 120 |
| aagagggaaa | aagaactgag | cctcaaaagc | agagctgacg | accaagagga | gcccttggag | 180 |
| gtttcagatg | gcctcagcct | tctccacgca | ggggagccaa | actcgaaaaa | tagctttgag | 240 |
| aagaggggtg | ttgaagatga | gattgaacac | cttcgaaatg | agctcagggg | aacgggtggac | 300 |
| gagaacgggc | gattgtataa | gctgctgaag | gaaagggact | ttgaaatcaa | acacctcaaa | 360 |
| aagaaaatga | ataggttact | tgtgtattaa | aggacccttt | caaaggaaaa | tgctcagact | 420 |
| tgggacacag | gcccagctgg | ttcgttattt | atttttattt | acatagcgaa | ttctctggca | 480 |
| tttgtcttcc | ctgctggaac | cactcagact | ggccaagatt | tccaaaacag | tgttctattg | 540 |
| tggaacaag | tgccagagac | ttggtacgct | ggatcggggt | tctgtgacag | gcttcagagg | 600 |
| ggcccaggtc | acaagctgga | gcgtattgtt | tctgcctcaa | agccttgagg | ttgggcctga | 660 |
| gtgctgcact | tcaacaaccg | caaagctggg | tccttcttgg | accacagcac | cccaactgac | 720 |
| attcagtagc | ccaccttttg | ctgcactcag | aggtccactt | gtccgtgggt | tttcacaaag | 780 |
| gctaggggtc | tgtggtgatg | tacttctctat | agctcagaatt | agctcagcac | taggtgacag | 840 |
| gtgagtggtg | taaggaagca | ggagttgggt | agctttgtgg | ttcagtcatc | ccagaatatg | 900 |
| ccaagccacc | gagggcccag | atgggagaca | gagcattgct | ggagacccca | gaggtgaagg | 960 |
| ccctgaccag | gctgtcagcc | aagggggcca | ccgacgcagg | agccaagcca | ccgagggcca | 1020 |
| gggacctgga | ggggtcgggc | tcaacaaatt | cttgttttgc | agagcaaggt | gagtgagtca | 1080 |
| tcagacttct | cctggcctga | acaaaggatt | taaaacaccc | cagaaagagc | tgccctgacc | 1140 |
| cccttagaga | cctaagcaca | cagtacccaa | aaaaggcctt | taggtctcac | agtgcactcg | 1200 |
| tgcgggggtg | ttgttttacc | ttctcgccaa | ccagcctgat | tttaatttgt | tattttaatga | 1260 |
| acaagctctt | atataacact | tagcacatgc | caggcaactg | agcttaacaa | atgccaacgc | 1320 |
| ctttgggttg | atttatttta | ctccaggcat | cttttttttt | tcttagttta | tgtagatttg | 1380 |
| cgtgactgtt | gtaattgtaa | gctttttcca | gttttgtcca | gatgcttgta | gtcttttgaa | 1440 |
| agtttaatta | cccaataaaa | atthagcctt | gtctccctca | aaaa | | 1484 |

<210> 90
 <211> 1479
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a21878

| | | | | | | |
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| <400> 90 | | | | | | |
| taatcattgc | agttaagaga | aatggaaatt | agttgtgtta | atcttgcaga | atgtttgcag | 60 |
| gactgactat | caaactggat | gattttccatt | tataccctac | tgtgtcagtt | caagcatcaa | 120 |
| aataccttgc | atctgagaca | gacttctctac | atcaggggaca | ggtatctgtg | tgctattata | 180 |
| caaaacagtt | ctaggggggtt | gaactacata | gtaaaaaaat | aaaataaata | gtacttagtg | 240 |
| taaaataaatt | ttataaatga | tcttttgtac | tttaggacat | taaattgtac | aacttttcta | 300 |
| tatataaaaag | cttaggaact | ttctgttttag | caggaaggca | acacattcct | acacttttaa | 360 |
| tgtatatgtt | tgttataatg | tccatgtaaa | catgccctat | gtttgtgcct | tttaattagt | 420 |

SeqList[1].txt

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|------|
| ttgtctcaat | aaacaaaatg | tagagaaaaa | tatgtagcta | tgactttgtt | acaactgttc | 480 |
| ttatccacag | tacaaaaatg | gtttgttttt | aatatgtaga | gcattatgtg | tggactactg | 540 |
| gaaggactcg | tgtggggaga | gccaagaat | gaccttgctg | aggcctggat | tgggaggcac | 600 |
| agtggccaca | tttgagggaa | gttcacattt | cctggcatgc | agacccaaaa | ctgggttctg | 660 |
| gctctgcctg | ctgggatctg | ttatctctgg | tgggctggca | gtcataattc | acaattcaga | 720 |
| cagcccaggc | ttcctccaca | gtggtccaag | gagcagtcct | cagtgggggc | aggtgtgggc | 780 |
| cctaccccta | agctagaatg | tggttgtcag | aaccctgaaa | gtattagttc | taaaaaaaaa | 840 |
| aaagatatat | actagaagta | attgttttat | caattcattg | tataataaac | aggagtggag | 900 |
| cttcattgta | tgacttcagt | taaaatacta | ttttgtatgc | attctttatt | cacttaagaa | 960 |
| gcttgtctgc | aataataaag | ccacgtcatg | tcttcttttg | ggagggagag | agtcgatggc | 1020 |
| aggagggggt | tttgggtggg | ccactgaaaa | ggggtaccga | ataggttgtg | tgatgaaatt | 1080 |
| ctgtgtcttg | gaactggaat | tgagtttcga | tgttgatgaa | ctgattcaac | caggtgttga | 1140 |
| aggcacgaca | gccactgctc | tacgaaaagg | cagagtacgt | ttttcccttc | tggttgtaac | 1200 |
| ctggttgaga | gcttccccct | tatcagattg | gcagctaaac | agttgtatta | gataatcctt | 1260 |
| aaatctgaca | tccagcttgt | tacgctctag | ggctcgctgc | ttggcctgcg | tttgcttttt | 1320 |
| attgtgtatc | cgttccccct | ctacggtgtg | ctcctgaatg | aagggttcta | tgtaagcaga | 1380 |
| tgatgatttt | acctgtcaat | accagcactg | tattactaac | atgcaaaaata | ctgcagattt | 1440 |
| attttgaaaa | ttaaagttaa | ctggtcacaa | atgtaaaaa | | | 1479 |

<210> 91
 <211> 1907
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nbla21922

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| agtgtgccta | aagcaagggtg | gttttagtttt | ttacaaagaa | ttggacatga | tgtattgaag | 120 |
| agacttgtaa | atgtaataat | tagcactttt | gaaaaaacaa | aaaacctcct | tttagctttt | 180 |
| cagatatgta | tttaaatgga | agtcatagga | cattttttatt | ttatggaata | gattttaatc | 240 |
| tattttactac | tattaaggta | gatttttctat | ggcatgtcca | ttagctattt | catgatagat | 300 |
| gattaggggt | ttcctcaaaa | cctgtgtgtg | aggaaattgc | acacagtagc | aaaatttggg | 360 |
| gaaatccata | acattttcag | accatgaatg | aatgtttcca | ttttttttct | aatgggaatgt | 420 |
| gagagtttat | ttttatttta | ttctgaagga | ctttaaggaa | gggatacatg | attttaaaaa | 480 |
| agcctgtaag | agggtgaaata | tgtgatgttt | gaagtcctct | tatagacttt | ttatatatat | 540 |
| tttttaaaaa | cactcatcta | gatgaggtgc | tttgagcagt | tctgaaaaat | gcagttccag | 600 |
| gaaagcaact | gcttttggttc | ctaaggaaga | aattctaaat | aatgcaaaact | tttaaaaata | 660 |
| gcatctaggt | ttttgataat | tctgtctact | tacaacaaac | ttgttagtac | ataaccacta | 720 |
| ttttaataat | tattttctct | acacaaatgt | gtaatatcat | atttgacttt | gcttatgcag | 780 |
| gccataagtt | ccaaaagata | atttccctgc | ccacaaaggc | ataaaactga | aaacacatga | 840 |
| gattgaatca | acatgcttta | ataggaaaag | atgtatggtc | tatatatgta | tcaatctggg | 900 |
| gaatcctcgt | tctaataaag | gttctttttc | ttttctatga | tacacacagc | cacgctgata | 960 |
| atatgcaaat | gaacattttc | ctttatgtct | ctccagataa | tgttttattgt | ctgaggtaaa | 1020 |
| ttaaattccc | accagggttt | gctgtcagta | ttttaacacc | cacattagta | tatgcgtcca | 1080 |
| gggtcataac | cccctaaaaat | ccatcatgca | accttattaa | tctgtcttgg | gattccagtt | 1140 |
| tagtgcttgg | atttattttc | tgattacact | acatagaaaa | gtgagacatc | tgccattccc | 1200 |
| aactctggga | aaaccaacta | atatacaacc | atataaatga | aggccatctt | gatgggtctca | 1260 |
| acactaat | ttatgatgca | aattttataca | ctgatttttg | taaaggacaa | agtttttaaa | 1320 |
| gcgtatttaa | cttgatgttt | tctatcagca | taaataaaat | ggcatgaat | agtcattaaa | 1380 |
| aacagttgcc | agtgataatc | tgcatgaagg | aaaaagaacc | ctgcaaatgg | ctattgagtt | 1440 |
| ggaagtattg | tttttgatat | gtaagagata | ttcagaatgc | tcacactgaa | aatgcctcaa | 1500 |
| ctttttaaag | tgtaagaaac | caccatgagt | gggtgtctaga | tttctaattg | agaatcatga | 1560 |
| tacagtttgg | attaagtatc | ttggactggg | tttaaacagt | gctttgtacc | ggatctgctg | 1620 |
| aagcatctgt | ccagctggta | tcctgtgaaa | gtttgttatt | ttctgagtag | acattcttat | 1680 |
| agagtattgt | ctttaaaatc | agattgtctc | ttctatatgt | aaagcatttt | tatgttttct | 1740 |
| aattttaaaa | ttaatatatt | cttatagata | tttgtcaata | aagctgaagt | agaatgtgtg | 1800 |
| gtttttgcaa | atgctttaac | agctgataaa | aattttacat | ttgtaaaatt | aatatatattg | 1860 |
| actggtacaa | aatagtttta | aatttatatt | taaaaagctt | ccaaaaa | | 1907 |

SeqList[1].txt

<210> 92
 <211> 1402
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a22004-2

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 tctgtgcagg gagtgaaacc tcagaaggct gcttctttta cttcctcagg gagtcaccac 480
 agcagccata aaaagcgaaa gaataaaaaac cggcacagcc cgtctggcat gtttgattat 540
 gactttgaga ttgatctgaa gttaaacaaa aaaccacgag ctgactatta gaagacacat 600
 tagtgcagaa gcttccaggc tgtagagccc tgcttccctt ctctgacctc acaaagataa 660
 acatccttca cctgagttcg tggccatcca cctctgctct cccagacca gtgcctgtga 720
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 ttactttatg tcatttttag taacagaact gcaggaagat caagacaatg ttgtaatccc 840
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 cctctgtttt ttgcaagggg aggtaaagag tggtttagta ttacctatct taaatctttc 1260
 tgagttggtg gtagattcat gttcaaggaa caggaaaaat ggaaaaacat aagttttaat 1320
 cagttctttt taaataactt tttattcttt tgtataaata aaatttcaca ggcttcaaat 1380
 tctcatgctt tacttttaaa aa 1402

<210> 93
 <211> 1577
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a22004-1

<400> 93
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 ggagaagatt tcaactcaaca tatagcattg actcaaaatg tgattaccta catgagaacg 180
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 gggaaagcct tcagtaaaaag ttctaacctt agacgacatg agatgattca cactagagaa 600
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 aaaccatatg aatgccatct atgcggaaaa gccttcaatc actcttctgt ccttagacga 1080
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SeqList[1].txt

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|------------|------|
| aatagaagtt | acaacttttag | acttcataga | agagttcaca | ctggagagaa | accatatgta | 1200 |
| tgtcctctat | gtgggaaagc | cttttagtaaa | ttttttaacc | ttagacaaca | tgagagaact | 1260 |
| cacactaaaa | aagcaatgaa | tatgtaagaa | tcatcagctg | tagcgttaac | actaaatata | 1320 |
| ccaaggacaa | acatactaca | ggaatattat | gtctgtaatc | agtgtggaaa | agcctttatt | 1380 |
| tatatattacc | actttgctca | acctaaatga | attcaaggta | gagagaatcc | agatgtattt | 1440 |
| aatgtttatg | gcacaaactt | cagactctag | gctgaccata | tacaacgtga | gagaatgaaa | 1500 |
| ctatagatca | aaggaatgtg | gaggagtctt | catccacagc | tctgttaaata | aaatgggaga | 1560 |
| aatcacatca | cgaaaaa | | | | | 1577 |

<210> 94
 <211> 1945
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a22085

| | | | | | | |
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| <400> 94 | | | | | | |
| gtaaattatg | cagggtgataa | catggtttgg | aactgtttat | tgggctcttt | aactgaattt | 60 |
| tcaaataaaa | tgaactatgc | ttattgctgg | cacattgatc | ccatttctgg | aacatttttc | 120 |
| ctatttccag | agttacatat | gttcttttgt | cattacccaa | tttaacctcc | ctttctctga | 180 |
| tatgccttgt | agccaaagta | ttaaaggctg | atgaacatag | acaagggaag | tgcatcttct | 240 |
| agaaatccgt | gaaccctcag | ttgtatgctt | tcagtactcg | tgtaatatg | tttctatggc | 300 |
| aactctgagg | tcagtgggtt | agaaatgaga | taccagtgtt | aatgaaaagt | gtgtgctctt | 360 |
| tgcttttgca | tggcttggct | tagtatccaa | ggatatattg | ggccacttga | aagcatgaag | 420 |
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| cttcctttct | actaactcct | tccttaaagg | ccatatcact | ccatttgcatt | tatttgtgca | 1860 |
| aatgcccagg | ttggttttta | tttttatttt | tgctattttac | ctaaaaaaag | aaaatgcttc | 1920 |
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SeqList[1].txt

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<210> 98
<211> 1955
<212> DNA
<213> Homo sapiens

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<220>
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SeqList[1].txt

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1773

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<223> nb1a22394

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| catctctttc | ttaaattaat | atcttttacac | atcttcaact | ggctcccaa | gtctgataag | 120 |
| gaaggattaa | aagaaaaaag | aaatgtatta | gttgggtggc | caaggagttt | cctttgtaat | 180 |
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| acccttggtc | accaaggaaa | gtgatccaaa | ctatatactt | agtgcagata | tttcctttgc | 300 |
| attatttagt | cttctctgga | gagaaaaatac | agtttcccct | tcctctttct | cttcacattt | 360 |
| actcttttca | acccaaaata | agagacatag | aaagcaaacc | acagccagtt | tggcatcttc | 420 |
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| tgtcagggtcc | acttgcaaca | tggccttgct | acttggatta | gctcctttta | gcctgaaaaat | 540 |
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| ttgaaaaact | tttttaaaaa | atcctgggtt | tgcaggacag | ctacataatg | aatgtatata | 660 |
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| agacatttat | ccttaagttg | tgagcgatat | atgtagcatg | ctgtgaaatg | tctgttatag | 780 |
| ctctttaatt | catcagtatt | aatacagaat | tatcatttgc | gtttcttggg | actttttatt | 840 |
| caatgtaatc | agaagctgtg | atgttttgcc | tttgtagtcc | tgtgctttgt | tactgtaatt | 900 |
| tttttttttt | tttacgaagc | acgtgactgg | actaatgtaa | ggcagatgac | gtgatcttta | 960 |
| agactgctat | atataatcagt | ctcttactct | ataaggtttt | aaattagaat | aagcttttat | 1020 |
| caaatagata | attgatgcaa | tttaggattc | acgcaagttt | cagtgtcaaa | tggcgggtctt | 1080 |
| atagtttcaa | ttctgaaaaat | agcaaactta | ataaacagcc | actttaaact | tgttctggca | 1140 |
| aaccagaccc | tgctgtagat | atagtctaag | gtagttaacc | atataagcct | tttcaactct | 1200 |
| taatgccctc | cacatgaatc | agcagttaag | aaggttctag | aacccatgaa | agcttttgta | 1260 |
| tgtattacta | ggttttggtt | ttcttatggt | tgtgtatttt | acagttctga | ctaaagctga | 1320 |
| cctaaatgga | tcagtttatg | tgtaatattc | tagtgcttta | atgactcttt | ttttctttgg | 1380 |
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<400> 102

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| ttagaagaag | gaaatatgcc | aaccacttga | ctagagagga | aaaagaaaat | ttattcaggg | 120 |
| aagaaagcca | cagaagtgtc | cctttgtgct | tttctagttc | ctttaggaga | ttttgtctct | 180 |
| cacacattca | tcagtgtttg | gccaaagcca | ctgggtgcag | cggtgcagct | cggaagcat | 240 |
| cggggtgagc | ttcaaggaca | gagtttcttc | cagtcctaag | ttgtctgata | tgtttgttca | 300 |
| taaaactgcc | ctttctctga | cttttcaggc | cacgaccccc | agccagaaat | tatcgttttc | 360 |
| cccactcttt | atattataat | gacaataaga | tttttcagtg | ggggagcatc | acatatgcaa | 420 |
| tcagggtggca | gaaaaagttc | ctgcaatatg | aatttagaga | tttgattacc | cagcacatgt | 480 |
| ttctgtcctg | tctctaacag | tctctggaat | ctggtagacc | ttcctgaata | ttttgctttg | 540 |
| tctgatgatg | actttaacat | attgctgctg | gtgtgcatcc | gtgtgtatac | tggacagcag | 600 |
| gaaactagcc | tgtgccactg | cccagctcag | cagcagaaca | agaggctctt | gatgaccgta | 660 |
| agtttaagaa | atataaatat | gttctgcacc | acagaatata | cagaacaaga | ttcatcctag | 720 |
| ctagaaatat | atcataatct | tgaatgtgct | ttttaagacc | actgcaccaa | gccataaacc | 780 |
| tcttcttttt | aagttttattg | ggtagtcagt | ttctagcttc | ggtcactgct | aaggaagaca | 840 |
| aaggaggata | ctgtcagatt | cttcctgctc | aaaatgttct | ccatcctggc | agtatatcag | 900 |
| agcagggtcaa | caactcaaca | gcttgcactc | cagaactact | gggcttttct | aggtgccctg | 960 |
| ctctctcccc | tccccgcctc | tttgttcttc | aagggtctttc | catgcctacc | acctgagggt | 1020 |
| ggagccctcg | ggcatttttt | agttctgcca | aagcacatag | tcattgaaag | acctgcgtga | 1080 |
| tccccgtaac | tggcaagcca | caacctcttc | tctcaaatga | cctccttctg | aaagttttca | 1140 |
| gaggaaagag | gattgaacag | agagggacag | atgatcacag | atatcttgaa | attgccaaag | 1200 |

SeqList[1].txt

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SeqList[1].txt

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1522

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SeqList[1].txt

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<213> Homo sapiens

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<220>
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SeqList[1].txt

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| tcgggaggct | gaggcagggg | aatggcgtag | acccgggagg | cggagcttgc | aatgagccga | 1740 |
| gatcgcacca | ctgcactcca | gactgggcaa | aggagcgaaa | ctcagttctca | acaaaaa | 1797 |

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 <212> DNA
 <213> Homo sapiens

<220>
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<400> 111

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| ctctttgcac | ttatgaaact | cgtcggaaaac | gtgatgtgat | acgacatata | actgtgggtc | 120 |
| ataaaaagtc | atctcgttat | cttgggaaaaa | taacagccag | tttagagatc | agagctataa | 180 |
| aaaagcctat | tgattttgtt | ctaaataaag | tggcaaaaag | aggcccttcg | agggatgaag | 240 |
| caaaacatag | tgattcaaaa | catgatggca | cttctaactc | tcctagttaa | aagtatgaag | 300 |
| tagctgacgt | cggtattgaa | gtaaaagtca | caaaaaactt | ttctcttcac | agatgcaata | 360 |
| aatgtggaaa | ggcatttgcc | aaaaagactt | accttgaaca | tcataagaaa | actcataagg | 420 |
| caaatgcttc | caattcacct | gaaggaaaaca | aaaccaaaagg | ccgaagtaca | agatctaagg | 480 |
| ctcttgctcg | ataacttcaa | gtgatgtacg | aaaagggttg | gagttcattt | ttgtggaaaag | 540 |
| actttaaatt | ggtgttagaa | ccactaaaca | tcttcaaatg | gtactatgag | gaaaaaaaaga | 600 |
| aaaacatttt | tctaaatatt | caactataac | tgctgttttc | tgactaaaat | aaccatctaa | 660 |
| ccacttggtt | ctaaggcact | gcctattcca | gcactttcaa | gtagctgtga | tattacatgt | 720 |
| tgtcatcaca | gtccatcagc | tatccaccct | tgaccttggtg | catttggtcg | acagtttcta | 780 |
| caaaaatggt | acaaaatttg | ttttctaaac | aatttgttga | ttaagtgatc | aacaacctga | 840 |
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| tctttatttg | gcaacatttt | catctgaatt | gtatagatat | atgattttct | agtgagtgtg | 960 |
| tgtaggaac | aaaagacaaa | atagtatcaa | cacattataa | atatttagct | tactaaatat | 1020 |
| ttgtaattat | ttttacatcc | atatttttct | agcttggtct | ccagcacttc | agtgtttgaa | 1080 |
| agtttcaccc | taaaatatat | actacaggaa | agctgcagtt | cattttcatg | catggatcat | 1140 |
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| taaattttat | acaaagcact | ttaatgatag | atgcaacctt | atttttcagt | tcctattttt | 1260 |
| ttaaagacca | cacattttact | aatgtttaata | tgaaggtaat | aatagctta | ctgatatttt | 1320 |
| atggatgcag | acaatccatg | cacaaccact | tcttatgata | ctagtttatt | tccttaaata | 1380 |
| ttgctacaaa | aggaagatgc | gggtgtaagc | ccctgattttt | ttttctccca | agaaaaatct | 1440 |
| taaaggacca | ctttagataa | tatttgattc | ctactgtaaa | atttagaaaa | tgatgaattc | 1500 |
| ttgtccattt | ttgtaatcaa | gatttttagga | aaaacagaag | tacatctatc | tttatgaaat | 1560 |
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| tatttggtgc | aaattataat | tataaaaggt | acagcagaaa | atataccatg | tttttatata | 1680 |
| ggttcacacc | tgtacttagg | agggaccctg | tccatctata | tactttttgt | ataaaaattt | 1740 |
| aaaatgttaa | agatccacaa | ggtcttaata | aaatgattct | atagctagaa | aaacatttac | 1800 |
| cttcccagtg | ctttgcacta | aaatatactg | tgaaaggaaa | ctagaaagac | tgtaactatt | 1860 |
| gctggaaaatg | ttctatatgg | aatgtacatg | ctcttggttg | aaaaatgtac | tatatgtgat | 1920 |
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<220>
 <223> nb1a23601

<400> 112

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| cagcctagca | gtctacttca | ctttattgcc | gtgtaaagtgt | caggcctcct | gggtgctctg | 120 |
| gaaaagacag | ggagccaggc | cctctcacc | ctactggtaa | caggctattg | ctgggtgcac | 180 |
| aagagggagg | tgatttgcac | catggtcatg | ctgcatgggc | ttcactggga | tgctgttaaa | 240 |
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SeqList[1].txt

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SeqList[1].txt

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<400> 114

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| agaaaattca | caaagagatg | ccctgtaagt | gtactgtatg | tggcagtgac | ttctgccata | 120 |
| cttcatacct | acttgaacat | cagaggggtcc | atcatgaaga | gaaagcctat | gagtatgatg | 180 |
| aatatgggtt | ggcctatatt | aaacaacaag | gaattcattt | cagagaaaag | ccctatacgt | 240 |
| gtagtgaatg | tggaaaagac | ttcagattga | attcacatct | tattcagcat | caaagaattc | 300 |
| acacaggaga | gaaagcacat | gaatgtaatg | aatgtggaaa | agctttcagt | caaacctcat | 360 |
| gccttattca | gcatcacaaa | atgcatagga | aagagaaaatc | gtatgaatgt | aatgagtatg | 420 |
| agggcagttt | cagtcatagc | tcagatctta | tcctgcaaca | agaagtcctc | accagacaga | 480 |
| aagcctttga | ttgtgatgta | tgggaaaaga | actccagtca | gagagcacat | ctagttcaac | 540 |
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| aaattcaggc | ttcattcagc | atctgagagt | tcacaccagg | gagaaatcat | gtatgtactg | 660 |
| catgtggtaa | agccttcagt | catagctcag | ccattgctca | gcatcagata | attcacacca | 720 |
| gagagcaaac | ctctgaatgt | gacgaatgaa | gaaaagggtat | tagtggttaa | ctcttaatcg | 780 |
| actcgtgcaa | atctatacca | gtgagaaaatc | ttacaaaatgt | attgaatgtg | gcaaattttt | 840 |
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| ccattgctgc | aatgaatgtg | aaaaagccat | cagtcaaaaga | aactaccttg | tttagtatca | 960 |
| aattcacgcc | atgcaaaaag | attataaatg | taataagcat | gtatgtgtgt | gaggagattc | 1020 |
| agtcataacc | caacgctcat | tcaacatcaa | agaatttata | cctaagagaa | cttatttggt | 1080 |
| tgtagtaa | ggcagatctt | tcaataggag | tttaactagt | ctttgtcata | tcagaatatc | 1140 |
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| ttacccaaca | tcgaaataat | ggagagaaaa | ttgttgatta | tttgtttatg | aaattgttaa | 1260 |
| tacatagtcc | caatcttttt | cattgcacaa | aaatctaggg | ttgacttggt | aaatgcagtg | 1320 |
| acattttctc | atggagttcc | tttattttaat | atgtatttcta | agtagggtacg | tttattttta | 1380 |
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| caacttccat | aagatactgc | taatgcacca | gtattaaaaac | acatcgacgt | aagtagctca | 1680 |
| tttagctttt | tctgctgttc | ttggcccaag | ttctttccaa | aaccaactct | taggcctgct | 1740 |
| ctttactagg | gatcttatgt | cgtattgctt | tacagccaca | acacttggat | tcctgttgat | 1800 |
| taacttctcc | attctcttaa | gcacctttag | aagattttaga | agtttcctag | ttttaagtgt | 1860 |
| ttcaccagca | agtatttccat | acctaactga | ctgtgtggtt | ctggtgtctt | atttcctaaa | 1920 |
| gtgaagcatc | ttttttttaa | aaagaatttg | attgacaata | tatccagtc | aatataagta | 1980 |
| tgaaggattc | tctctcctga | gattgtagca | ggcagccaaa | cattttcaaa | tgatgcccaa | 2040 |
| ggttttagct | gtcttggtgtg | catccacagt | ctgcgaagaa | gacatgataa | ggacatcagg | 2100 |
| gagccaacaa | gactccta | agcctcacta | cattcatcca | gtgcctattc | tgcatgccta | 2160 |
| agcttagagt | tcttttatat | acctctacgg | ccagcaaaat | gctcaggctt | gctcttggtta | 2220 |
| gggtaaacat | aaagaagata | cacaggccgg | gcatgggtggc | tcacgcctgt | aatcccagca | 2280 |
| ctttgggagg | ctgaggcgga | tggatcacga | ggtcaggcag | tcgagaccat | cctggccaac | 2340 |
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| tgtaatccca | gctactcagg | aggctgaggc | gggagaactg | cttgaacctg | ggaggcgag | 2460 |
| gttcagtgga | gccgagattg | caccactgca | ctccagcctg | ggcgacagag | caggactctc | 2520 |
| tctcaaaaaa | acacaaaaaa | acaaaaacaa | aaaaccatac | acacacacac | acacacacaa | 2580 |
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| ttgcagataa | atgtttgaat | tctgtctctc | tctcatcaat | ccaggacagt | atttgaagt | 2760 |
| tgagggtctt | gtgtatagtt | gtttatccat | taccacattt | ttgtatttta | atagtctaca | 2820 |
| ggctatataa | aagaacatgg | ctttttgact | gataaaaagt | attacagatg | ttggctcaag | 2880 |
| ttcagggcca | ccatcatata | cctaacaaga | gttcatgatt | cttttaggtta | tgtcaaaaaca | 2940 |
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| gggaccctca | acaaatacat | aaaaatatgt | tgtctactct | ataatcctcc | tatggctaac | 3120 |
| ctctaggata | gttctgccc | tatattttac | ttcttttgca | tcagcaagag | taggatttca | 3180 |
| tcaaggcaag | gtagggaatct | aaatgaaat | tcatataaaa | tgaattgatc | taaattgtaa | 3240 |
| agcaaatgaa | aaatgcattgt | gttttttcct | gtcaaacatg | tataccctta | tgtatagaga | 3300 |
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SeqList[1].txt

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| gtgtgttttg | tattctgaaa | aa | | | | 3442 |

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<220>
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| agccgctag | cagggttag | aaataagct | agtggagt | atgaaccac | tggaattcc | 180 |
| tgtatatt | tgcatact | ttttatgg | gtggctct | atacgccaa | tcaattcat | 240 |
| gattctgag | gatttgatt | tgatttgct | gcctaaaag | ataatgttt | gatgatttt | 300 |
| agcatcta | aaaacctg | agttataat | ttgaactgg | ttgccttaa | gttcttga | 360 |
| ataatttag | aagggtat | aagacacac | tatgtgtgg | tgtgtacag | gggagtaca | 420 |
| aaaaaacca | atttttaag | tcagaaaaa | aatcattgc | atttggtgt | aacagcatg | 480 |
| actaatgat | caggatgat | ttggttgat | tttcaggac | agcaatgta | ctttgcaat | 540 |
| gatacgtag | tgccattca | ataagtgat | ctgttatt | tcctgtttt | ttaaagtaa | 600 |
| aatattaa | ataacttag | ttgtataag | aaaaataat | gcaggagg | aatgtaact | 660 |
| gtctgagat | acacacaaa | ctctgatgt | tgtattttg | agttaagac | atgaagcta | 720 |
| aaaatgtgt | tgacataat | ttcaaata | aggcccaag | aattttatt | tcggaactg | 780 |
| tcattaat | tgggagcac | cagtgtttc | ggaagtgt | agacttcag | gtttcagca | 840 |
| tgaattgat | aaggctctt | cctagatct | agaagagac | gacaataaa | attcaaaag | 900 |
| aagaacata | gatactgata | aattctaag | agaaaacca | gtaggatgt | atacagggg | 960 |
| gtgactagg | ggtcagagga | ggttgctct | aggagggt | gtttatgca | atctgaatg | 1020 |
| taggaagccc | agcaagagat | ctgggagcag | agccttccag | ggaaagggaa | ggacctgtg | 1080 |
| aaaaccccag | aggcgaagtc | catctaggct | tgctcaaaga | caagaaagag | gacaagaaca | 1140 |
| ttaagtgtg | ggagagtggc | aagaggcaag | atcatcaggc | aagggcgcc | cagacaagac | 1200 |
| cacgccaa | ggagagcaca | gggcagagca | ggactgtgtg | gaaattccaa | cgtgaatgac | 1260 |
| ttccaaaatc | aggacacagg | ctctctcccc | agcctgacct | cttctgggtg | ttactaact | 1320 |
| tgtagcaaa | actccttggg | gcacagcact | gagtcctcca | gccaggctgc | ccctttgtat | 1380 |
| tgacatggc | gggatacagg | aggcacgaga | gactgtaact | ttctagagtt | agaatgtct | 1440 |
| tagtaactct | agagacattt | tagtgctaac | ttacaattga | tctggcaaa | aaagataggc | 1500 |
| agagctatta | aagtgttcaa | tttccttcca | gagagattct | tccattttct | ctcattaca | 1560 |
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| gactgactcc | tagacagggt | ctgagaaagc | agtgtaat | aaaagataag | gaagggaag | 1860 |
| gagctacaac | atataccaca | cacacacaca | cacacacaca | cacacacgtt | atcagacatt | 1920 |
| caaaaaatta | gatcttagac | tccacaatac | aaatcccaga | ggacaatgga | ttacagtgtt | 1980 |
| gacaggggag | aaatattgtc | ataaaatcat | tgcatactta | gttatgtttt | cattgtttaa | 2040 |
| gaaataaaaca | gaccattttg | aggtagttaa | acctcagaga | agaatagcat | gtatttactc | 2100 |
| ttcttgaaat | ctatgttggc | tttatgcccc | agctgagata | ggaatcaaag | gtgaggttga | 2160 |
| aaataaatag | ggataatata | aaccgtccac | cagattgtgt | taaatctaaa | gaatcgttca | 2220 |
| gtattttatt | gtatctcact | gtatgtgaaa | agaaacaagt | ttcaccaaac | aatacttagc | 2280 |
| cttattttgt | atatgcagtg | cattataata | ttttctattt | tgttctgtct | ctttttttgt | 2340 |
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<220>
 <223> nb1a23956

SeqList[1].txt

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SeqList[1].txt

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 <213> Homo sapiens

SeqList[1].txt

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| accatgtggg | acaagcccaa | caaactatgt | gtcttgaagc | tttttgttgc | agatctcggg | 180 |
| accaggtttg | acctcaaggc | atgggttgcta | tacatttttt | gcaactgttt | gatatacat | 240 |
| ttcagctcca | actttgcatc | ctgagaacat | tccaacgttt | ctgcaggtcc | atttttatacg | 300 |
| acttgaaaga | ccttaaaact | ttctgggttg | cacaggtata | tctttctttt | ctgttcatcc | 360 |
| agtaaatagt | cataccctac | tgtgacagat | ttttccaaac | aaaaatacct | ggagcagcag | 420 |
| tgtagcaaaa | tatgccttca | gtggcactca | acaaatggag | tttccccaag | cacagttctg | 480 |
| taagaagtgt | gtgtgagagt | gtgtatgtgt | ctgtacatgt | acttttagatt | atgggttgta | 540 |
| ttgtgcaaat | ttttttgatc | ttgggggattc | tggctgtgga | tttgatgcag | aaaattatgg | 600 |
| ttaaaaacta | tggctctacag | aagatactta | atgctttgtg | actatataaa | ttgtaacagt | 660 |
| ggattgtttt | atgtgtaggt | attattgtta | aatatgggga | ctgttcacca | ggcacaaaat | 720 |
| aggaatcata | aattaggatg | caggctgggt | atgggtggctc | atgcctgtaa | tcccagcact | 780 |
| ttgggaggag | gccgagctgg | gcggatcgct | tgaggagagt | tcgtgatcag | cctggccaac | 840 |
| gtggagaaac | cctgtcccta | ctaaaaatac | aaaaattagg | tggacatggg | ggcgagcacc | 900 |
| tgtaatccca | gcttctcggg | aggctgaggc | aggagaatca | cttgaaccag | ggaggcagag | 960 |
| gttgacgtga | gccagattg | tgccactgca | ctctagcctc | ggtgacagag | taagattcca | 1020 |
| tctcaaagaa | aaaaaaaaaa | aaagtgaaga | tggccattgg | ctgtggttat | gacaatacag | 1080 |
| tgaagtctg | ttgtcttaga | tatacaaata | catagtga | aattagaaca | aactggagac | 1140 |
| tggcctttga | cacatggact | ctgcctagct | gtgttagaaa | aatatttaac | tccaagcctt | 1200 |
| aaaattccca | aatggagttg | gtgcttacct | cattcacaca | atccaagagt | tcactgggtc | 1260 |
| ctgaacctct | aaagggaaaa | ggctctccct | ggagcaggag | catcagagtt | tgctcggggg | 1320 |
| cataaggtag | gtgagtgtg | ggccgaggca | ggctccctg | gcactgctag | ttgcaggagc | 1380 |
| actttacctt | tgtatcagtt | actaaaaaca | aaatttgaat | cctttgggtca | ggttccccc | 1440 |
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| aaggttgcta | ataggttatt | ctgccccttg | tttccacagc | tgaggcacag | aaagtagcct | 1560 |
| cttttgtag | gagttgggag | tttaagtatac | atttattttt | ttaccatgat | ttgttcagga | 1620 |
| ccacatttta | caagatacct | tgtttccttt | attattgttt | ctggaaagtc | ctattcatat | 1680 |
| tattttattt | gaatatagaa | tatagttttt | ttaaatgagg | gcttattttg | aaaaattctg | 1740 |
| agcttaattc | aaatttatgc | caataccttc | ccaaataagg | taatagtcaa | agacagatgt | 1800 |
| tctgatcaaa | tggcttagag | atagtcctgg | aataattcata | ttcaaagatt | ccttattaat | 1860 |
| gaatgtcttt | aacttaaatc | tacccaataa | ttgcaacatg | gttctttgta | cattttcatt | 1920 |
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<211> 1806

<212> DNA

<213> Homo sapiens

<220>

<223> nb1a21039

<400> 120

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| atgctgttaa | ttattgccat | tttatcattt | gctttactgt | gtgttaagtt | tcaatggggg | 120 |
| taaatgttac | tcttcttttt | taaatatttt | tggctataat | ttttcatgta | ttctcgcaga | 180 |
| taagctttac | ttatgttttg | gtcacattcc | aaaagaaatt | ctattgccat | tttgtttgga | 240 |
| attgctttaa | caatatagac | taatttgggg | agaattacca | actttgtaat | attaaatttc | 300 |
| ttattcagga | acttgtcatg | tgtaaagggt | actgaagaca | atctccaaat | gttcttttagt | 360 |
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| gcatttgaat | gggatcattt | ttccatcatt | ttttattagt | ggctactcct | tctgggggtca | 480 |
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| attctcttct | aagtagccaa | tcattcttaa | gtataattaa | tgggtgatttt | tctctcttcc | 600 |
| tttataatat | ttatacctca | tgtgttaaat | aaatgatggg | aataactttg | cccttattcc | 660 |
| tgatttgtta | ggtatgccat | taaattttac | cagcttttaa | atgttagctc | ttagactgaa | 720 |
| atacaggctc | ttatcatggt | aaagatgtgg | tttgatgggt | caaataatac | aagcatttta | 780 |
| ttagaagttg | ttcaattata | tttagcatac | tctaggcaac | tagaaatgat | catgtgattt | 840 |
| tacttctctg | gcctattatc | acaataaatt | atgttagtag | tttctcaata | ctggattatt | 900 |

SeqList[1].txt

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<213> Homo sapiens

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<220>
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SeqList[1].txt

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<210> 122
<211> 1779
<212> DNA
<213> Homo sapiens

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<220>
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<210> 123
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<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a21790

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SeqList[1].txt

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 <211> 1679
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a22253

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SeqList[1].txt

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| gacatacggg | gaaattgagg | gcaccgtgtc | gaggggtattg | ggccgggagt | acaagctgcc | 1860 |
| catggacgac | ctgctgccac | ttctcatcta | cgtggtgtcg | cgcgcccga | ttcagcacct | 1920 |
| gggagccgag | atccacctga | tccgtgacat | gatggacccc | aaccacacag | gaggcctgta | 1980 |
| tgacttcctg | ctcacagccc | tggagtcctg | ttacgagcac | atccagaaa | aagacatgag | 2040 |
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| gacagactga | agagctgagc | agggcactgc | cagcctgtcc | ctcattaccc | aaggcaagg | 2160 |
| gcaggacagg | ccctcagaag | cagctcttgg | aggagatgag | cattttgttt | tgacagggaa | 2220 |
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| gcctctccgg | gcctcagtgc | tgccatctgt | acaatggtgg | agtgagtacg | ctgtaaagga | 2460 |
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| cagcgttttg | agggtctctc | cagttgcaga | aactctactt | aagtggaaat | tttctcacac | 900 |
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SeqList[1].txt

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SeqList[1].txt

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| agagtgaagt | cctgaaaact | ctgaaggatg | accggaatgg | agacttctca | gagaatagag | 1020 |
| actgtgacaa | gctggaagat | ttggaggaca | acagcacacc | tgaaccaaag | gaaaatgggg | 1080 |
| aggaaggctg | tcatcaaaat | ggctcttgccc | tccctgtagt | ggaagaaggg | gagggttctct | 1140 |
| cacactctct | agaagcagag | cacaggttat | tgaagctat | gggttggcag | gaatatcctg | 1200 |
| aaaatgatga | gaattgcctt | cccctcacag | aggatgagct | caaagagttc | cacatgaaga | 1260 |
| cagagcagct | gagaagaaat | ggctttggaa | agaatggctt | cttgacagagc | cgcagttcca | 1320 |
| gtctgttctc | cccttggaga | agcacttgca | aagcagagtt | tgaggactca | gacaccgaaa | 1380 |
| ccagtagcag | tgaaacatca | gatgacgatg | cctggaagta | ggcatataaa | tgctcacagt | 1440 |
| taaatctgac | ccagtaaaat | ctgtgtgttt | aggagttata | caaaagaaat | cgttcttttc | 1500 |
| cttttcttat | gttggttgaat | acttcattca | caagggaat | aatcatatcc | caaagagaga | 1560 |
| gcaattggct | tgttttgctt | ttgttattgt | tcttccctgt | tatctgcttt | atagagagaa | 1620 |
| gtttgtgtgg | tgggacagat | tttttaaaca | cactcacaca | cacacacaca | tacacacca | 1680 |
| gtatatatgg | ggcgatgcac | aggtaggagc | tggcagtga | gggaagagga | gacactgggtc | 1740 |
| tgcagcaaca | gcttctacta | ccagcccttg | gggcactcac | ccctgtgatc | aagcaatcat | 1800 |
| tgtcaatgac | aaagtgaacta | ttgaagttat | aattgtatta | aattaatgct | aataatttgg | 1860 |
| atattttatt | ttatttttgg | ctgctcgggt | aacttttagcc | cttaaccaag | catatgtggg | 1920 |
| tttttttgg | tgtttttttt | tgtttttttt | ttctttttcc | tttttgggta | cagctgtaaa | 1980 |
| atatttggat | ataggaaatg | ttgtgttatt | cttgagcctt | tgatattcag | ggtggattgt | 2040 |
| aaaatataaa | tttttgtgag | atttcaaaga | ttaagattat | tttgataaca | ttattttacag | 2100 |
| attttaaaag | atgtggttat | cacaagtcct | gagggggaaa | ctactgcata | aaataactaa | 2160 |
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 <212> DNA
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<220>
 <223> nb1a21420

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| tcacagcccc | tggtgcccctg | tgatctgtag | gtccttgggg | acgcatagtt | aagggtgccag | 120 |
| gacatcctgg | aagctgggaa | atggtgagta | tacggagttc | ggcatcccga | gaggggagag | 180 |
| caggctgtga | aaccggcagg | accggccctc | ccacgggttag | ctccgagtct | cccgcagctt | 240 |
| ggccctcagt | cccctgtggc | tgcaagatgg | ccgctgggcc | agcagcgagg | acccccacgt | 300 |
| cccgtccggc | ccatccggtc | ctgtccctgg | gcagcgccct | gctctgcgcc | cacagccatg | 360 |
| agtatttccc | agattgttca | gggaggcctg | gtgggtcatc | agggaaaaac | cgcgactggg | 420 |
| tgtttgctgtg | ggaggagctg | cggcccgtgg | ggtccccagt | ctctcttgtt | aaaaattaac | 480 |
| gggagctctat | gttaaactgt | aaccagttta | tctgaacaaa | cagtgtattgg | tgaaatggaa | 540 |
| agcaccacagc | catgatttct | gggtccaccag | aggggcatata | aggaaaaggct | ttcataagat | 600 |
| gcatgagaaa | gcagcccaaa | ttcaaaaatt | ggttccagtt | atgtagtcac | cttattttgaa | 660 |
| ctatccagat | ggaaatgtcc | tggttacata | ttcagagggt | aattgcatgt | ttgccattgg | 720 |
| ttaaacgtgc | attttgtttc | aggctaagat | aatggtttat | aggaaatgta | tttgagtttag | 780 |
| gttttagttt | tttttttttt | taacctatga | acccaggaca | ctagagccac | tttagtctaa | 840 |
| ttttctgctc | tttaattatt | ttaacactcc | agaggaggac | tggttttctc | ctgtgttttt | 900 |
| ttaatatatg | gcaagtggaa | cctctaatac | accaccctgt | ttttcagcct | aactcaggct | 960 |
| tgtggtaaaa | ttatcagttc | ccacttttct | tgctgcattc | tcaaatgcaa | cacaggagaa | 1020 |
| cagtttttccc | ttgcaaatc | acaaagctgt | taactatttg | tcctttatta | tacattttcat | 1080 |
| taaagttttc | tattatttga | tttctttcta | cttctcccta | cagttctgcc | catattttgct | 1140 |
| ttttatatatt | agaagcctcc | cttttgggtg | cataaatata | tatagctata | ttcacttgac | 1200 |
| aaattaacct | ctattattat | tgtatggtaa | actcatttca | tgcttgtgag | agacattgct | 1260 |
| agaaagtcta | ttttgtctaa | tttaagcata | actaccattg | aactcttttg | gctattattt | 1320 |
| gcattgggaata | tcatttttcta | tccttttca | attagcctat | gctctttaatt | cataattgag | 1380 |
| tctcttgtaa | gcagcatatt | acgaggttta | aaagtttcat | ttatccactc | tgtctgcttt | 1440 |
| agtctctttt | ggctgttaga | atatcacaga | ctagtaatta | ataaggaaca | gaattttatt | 1500 |
| tgactcatga | ttctggaggc | tggaagggtg | aaagaacatg | ttactgggtat | ctgttgaagg | 1560 |
| tctagtgtgct | ggataataac | atggccaag | atgtgagggg | gagagagctt | tttttttttt | 1620 |
| aatatataac | agatccattc | ttgttaaaat | tgcccattc | ccataataag | aacattaatc | 1680 |
| cattcatgag | ggcagagtgc | ttatagctta | attaattttt | aaaggttcca | cctcttaatt | 1740 |
| ctatcacatt | ggtcatttta | tcctaaattt | tggagatgac | attcagtcta | cagaagtatc | 1800 |

SeqList[1].txt

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|-------------|-------------|-------------|-------------|-------------|------------|------|
| tgtttagtag | ataatttaaat | cttttttattt | gtaaggtagt | gataggttaag | cagttactat | 1860 |
| tgtacatttg | tagttttctg | tccatttttaa | gtttgcttct | tttttttctg | gttctgtctt | 1920 |
| tcctgtggtg | ttgttcattt | ttgttgagac | aaagttatgc | tttcttgctc | agactgaagt | 1980 |
| tcagtggtcat | atcacagctc | actgtagcct | caatctcctg | ggctcaagca | atcctcccc | 2040 |
| cttagccacc | caagtagctt | ggactacttg | gacacgtacc | acaacaccca | aggagcttat | 2100 |
| gattcttcca | ccttggcctc | caaaagtgtt | ggaattataa | gcaggagcca | ctgtatccaa | 2160 |
| tgtgtaattt | ttgttgtttg | tgtatgcctt | aattactttc | tctttttctt | tactatgttt | 2220 |
| tttttttccc | cagtggttat | catgagactt | atgtaaaacc | tcttgatttt | taatagtcta | 2280 |
| gtttaagatg | ataacaattt | agagtattct | gaatttcagt | atgtattttac | catttttagt | 2340 |
| gacatttata | cttttagtatt | tttcatattg | ttagtttagct | tttcgtcata | tcaatgtgaa | 2400 |
| gatttcttcc | agaccatggc | tggagaagga | aagaagggtg | gttttgccctg | attcagggag | 2460 |
| tatagagaga | accaagtctt | gcaggcctgt | cacctaagtc | tcagatgagt | atgaattctc | 2520 |
| ttgtgttttt | cacagatttt | tgcagtggca | ggaccaagtt | caaattgagtc | atagccaagt | 2580 |
| ctacagtaag | atgtggtagt | attctgtttt | gaaccgagga | ccatgattgg | caagcttgcc | 2640 |
| acttgggtcaa | gtgcttacc | tctaaagatg | tcttccttgg | tctttgcctc | cagctgggtg | 2700 |
| tcacaaactc | tgaactggat | tctaaggctt | tcatgaatgc | acttatgttt | cctgtggcag | 2760 |
| ctgcattatg | ttgtggggga | tgtgcattgcc | gaacctccca | ttctgtcatc | ttgcttatgt | 2820 |
| tactctcctt | tatgtttcac | tttctcaaat | gaatgtcaag | ctgggtgattt | ttagattcaa | 2880 |
| aaattctaaa | ataaattgct | caaattttcca | cattatgtaa | gctattaata | aaatgtcttg | 2940 |
| tagtgctcat | atattttatta | aaatttttgg | ttgtaatttt | aagctcactg | caggcagaaa | 3000 |
| ggaattctta | acattttatat | tctttttttt | tagtctgtat | ctaaatgatg | gcatatttta | 3060 |
| attccagata | tttactttat | actgcagtaa | tgctcgtcat | attttgcaaa | atttatgttg | 3120 |
| ttcttttatt | tggaaatata | aggctttttt | agctcctgaa | atctatatta | tagtcatata | 3180 |
| attttattat | gttttgtggt | aagaagtgcg | gcaacatatt | gagaacataa | taaaattatc | 3240 |
| ctgtattttt | aatgattatt | tattaaattc | ctctcattag | agcctgttat | taatgattgt | 3300 |
| aatgtatttt | ctgtataatt | ttactgcaat | ttattaaatt | ctaattgactt | aaattgtctg | 3360 |
| cttttcatga | gtgcacacag | ttgaatgctg | tagatatcta | aagaattatt | tttcggccgg | 3420 |
| ttgtgggtggc | tcatgcctgt | attcccagca | ccttgggagg | ccaaggcggg | tggatcacga | 3480 |
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| aaaaaattag | ccgggcatag | tggcaggcgc | ctgtatcccc | agctactcag | gaggccagg | 3600 |
| ctggagtgcg | gtagcacgat | cacggctcac | tgaagcctca | aatccctagc | cttaagtgat | 3660 |
| ctacctatct | cagcctcctg | agtagctggg | actaccgacc | tgcaccacca | agcctggcta | 3720 |
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| gaacctctgg | actcaagtga | tccacctgcc | ctggcactgg | gattacaagt | gtgagccatc | 3840 |
| acacccagct | tccctgagcc | tttatacaga | actcgccttt | gagttagggt | ctgttgata | 3900 |
| ttctagttag | ggcattatat | tgatttttta | aattactatc | attctgaatt | aataacaaat | 3960 |
| tgtggtacat | tcatacagtg | gaatagaact | cagcaataaa | aagtaatgag | gggaggtggg | 4020 |
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<210> 132
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| catcttgaat | ataaagaaaa | agacaatgta | agttcagtg | acagcatcgg | gaacattaga | 120 |
| catgctcagc | gtatgccctt | cctgccaaca | ttgtacctct | tcctcctccg | ggttggtagg | 180 |
| gcactaactc | gtcctcagtc | ctgcagctag | atctgcaact | ttgcttaatg | atgcagggtta | 240 |
| aaattgaaat | agaattatgt | attattattt | ttcacattca | tttttgccctg | agacaggagg | 300 |
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| acagcttagc | ccatttggtc | tcttactttg | ttagattaga | taatcatacc | tgctgtctca | 420 |
| ggcgtgacta | gccaggagg | agtcaggaag | gaaattattt | ccctctgttg | ataccgggtt | 480 |
| acaattgccg | actgtcgcca | agggctttca | gttttaatat | ttcctctttg | gtcctcagaa | 540 |
| gtatcaggta | ttagtctctg | ccggaagcaa | agcattgggtc | acttccgtca | gaggtgaatg | 600 |
| tcttggctgt | ctataattcc | tcagtcaggt | gctttctggg | catgtgtgag | catttgctca | 660 |
| gctagctttt | attgcttgta | tgttatttgc | ttcaaaaatt | acaagaggat | ttgtcgggtc | 720 |
| tgagcagtg | cctatccagt | cccctgaaac | tctatgggtc | ttcgtgtaac | ccagggtatg | 780 |
| cttgtaggag | gtatgtttgc | tgtccacgaa | agtaaaaagt | agtgatatct | ctttctctct | 840 |

SeqList[1].txt

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<223> nb1a22595

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SeqList[1].txt

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<213> Homo sapiens

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<213> Homo sapiens

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| cagtaaagtc | agcctctgga | gatcaggaga | ggttcagaga | ggatcagtgg | tatcaccatg | 1620 |
| gtcacagagc | aattcaaaga | taatgcccc | ctttggcatt | tggacattcc | attttgagca | 1680 |
| tgaactgatt | tttcagcttg | acattcagaa | ataatcaaag | atggagagat | cagttttggc | 1740 |
| ctgacatagt | gtgattttgt | agcacaggac | cagctgccaa | tctgtgaaga | gaaaacaaga | 1800 |
| ttatttgaaa | gaaacctcag | aatctgagg | ttcccatgaa | tgttcccatg | aggattcatt | 1860 |
| ttccttttct | tcaacccgct | cacctgcaac | aattccaata | ggcttccaat | tcctccttct | 1920 |
| acaagagaga | tgggtgctca | gtttctacct | tttctacctc | agaacatgat | ggctgtttgt | 1980 |
| catgctgttt | gacatacatg | tgtatgtcag | gtctggaagc | tgttggtgtg | tggtaagagc | 2040 |
| ccccaaacttt | ggaatcagac | atgctgggta | gccttggatg | tgctctttta | tttctctcag | 2100 |
| cctcagattc | cacacttgta | gaaaaggaat | cattcccac | tcacagtgga | tttgtcagaa | 2160 |
| ttgatacatt | aatatcgaca | ggaccctggg | tggaggattt | ttattctgtc | aattgtaatt | 2220 |
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| tgtaaaatag | cagttctgag | ctgttgagta | gttttagaat | gaagcttaaa | ctagacctga | 180 |
| tgatctttgt | cagtgttaaa | atacatatga | aaagtcaagc | atagagtcta | atgaatatct | 240 |
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| ctgcctctta | tgaattttgt | catttttagt | gaccagtgtt | taatatattag | gaatagttag | 360 |
| atccaattca | atgatgacct | cttgtttcag | catattgaa | gccagctatc | attaaagcag | 420 |
| tacctaatc | agaatgggtt | tgctgacctc | ctaaatagaa | gtgtggatgg | cagaagcatc | 480 |
| tgcttttcac | atcacaagtg | gggaaggcag | aaatttttaa | agaactgact | gaagtaactc | 540 |
| aaagaggatg | gtgacaccat | ctctatcccc | cacaaaccct | tggaaatact | agttttggga | 600 |
| ctctactaat | gtatggtgac | tagaaagtag | ctataacctg | ttgatcattg | tatactttat | 660 |
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| aaggcagtga | tcataaggca | aacttaatat | atgttccaca | gtgttcagaa | taccacttgg | 780 |
| cagatgctta | tttaaatgtg | tgcatactta | atttttaata | aaccgtagac | atggtatatt | 840 |
| tcgggtggact | gtttcattta | agactaacct | taaagaaatt | tgctatcacg | tggttcacat | 900 |
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| tgtggtagtc | gtattaatgt | aattgcacaa | attacaaatg | tttaaaaagt | gaagtgaatt | 1080 |
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| tatacaatct | gggaatctaa | gtgttgacat | ctaagggtgag | tgatataaca | atgctgggag | 1200 |
| ctgcagcatt | tggttagataa | accaaattgc | taacattttt | cttgaaagtg | acttgagttt | 1260 |
| cagggtgaaa | ccagaagagg | ataacaaatt | cccatttcat | aacaagtaaa | ttaaaatatt | 1320 |
| catgatagtt | cttgcaactt | agtgggtgca | gttacatact | aatctctttc | ctgctttcat | 1380 |
| tccttatgaa | aataccagag | taaaagtgg | ctgattctag | tcacttttga | aaagcaaaga | 1440 |
| ttcctgtttag | acagctgaat | tttgaggctt | tacagtaaga | gaaacagagt | gagctcgaca | 1500 |
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| aattttaagc | caatttcaat | acaaaaaatt | ttgcaggata | gtggaatttg | taagcttgct | 1620 |
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| atacctttag | ctgtaattcct | aacacttttg | gaggctgagg | tgggaggatc | atgaggtcag | 1740 |
| tggctcatgc | ccaacctggc | caacatgggt | aaaccccgct | tctactaaaa | atacaaaaat | 1800 |
| gagatcgaga | tggtggcaca | tgctgttaat | tccagctact | tgggaggctg | aggcagaaga | 1860 |

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SeqList[1].txt

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<212> DNA
<213> Homo sapiens

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<220>
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SeqList[1].txt

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<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a21255

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 <213> Homo sapiens

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| ctgcttattt | tcggagcctg | ctgtgcagca | aacaccgggc | ggccgcccgc | ggggccactt | 180 |
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| tgtccagctc | cagcaattct | gtgtcctcag | aggaagagga | ggaggaggga | gaggaggagg | 480 |
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| tttccaatgc | tgtaaagaga | aaggcggtag | tggcggaaga | ggttcggcgg | ctgatggcgg | 960 |
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| caaatgtgg | ccaagagtta | ccttcctaata | gcacacctgg | aatgtcatta | caccttaact | 1140 |
| ccatatattc | atccacatcc | aaaagattgg | gttggtatat | tcaaggttgg | atggagtact | 1200 |
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| acagtcaatt | gtgtactagc | attccaagga | tattaccttc | caaatgatga | tggagaattt | 1320 |
| tatcagttct | gttacgttac | ccataagggg | gaaattcgtg | gagcaagtac | acctttccag | 1380 |
| tttcgagctt | cttctccagt | tgaagagctg | cttactatgg | aagatgaagg | aaattctgac | 1440 |
| atgttagtgg | tgaccacaaa | agcaggcctt | cttgagttga | aaattgagaa | aaccatgaaa | 1500 |
| gaaaaagaag | aactgttaaa | gttaattgcc | gttctggaaa | aagaaacagc | acaacttcga | 1560 |
| gaacaagttg | ggagaatgga | aagagaactt | aacctgaga | aagaaagatg | tgaccaactg | 1620 |
| caagcagaac | aaaagggtct | tactgaagta | acacaaagct | taaaaatgga | aatgaagag | 1680 |
| tttaagaaga | ggttcagtga | tgctacatcc | aaagcccatc | agcttgagga | agatattgtg | 1740 |
| tcagtaacac | ataaagcaat | tgaaaaagaa | accgaattag | acagtttaaa | ggacaaactc | 1800 |
| aagaaggcac | aacatgaaag | agaacaactt | gaatgtcagt | tgaagacaga | gaaggatgaa | 1860 |
| aaggaacttt | ataaggtaca | tttgaagaat | acagaaatag | aaaataccaa | gcttatgtca | 1920 |
| gagggtccaga | ctttaaaaaa | tttagatggg | aacaaagaaa | gcgtgattac | tcatttcaaa | 1980 |
| gaagagattg | gcaggctgca | gttatgtttg | gctgaaaagg | aaaatctgca | aagaactttc | 2040 |
| ctgctttacaa | cctcaagtaa | agaagatact | gtttttttaa | aggagcaact | tcgtaaaagca | 2100 |
| gaggaacagg | ttcaggcaac | tcggcaagaa | gttgtctttc | tggctaaaga | actcagtgat | 2160 |
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| gcaaaaatgg | agctgaaatg | gaaagaacaa | gtgaaaattg | ctgaaaatgt | aaaacttgaa | 2760 |
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| gactatgacc | agcagggtgtt | tgaaaggcat | gtgcagaccc | attttgatca | gaatgttcta | 3060 |
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| gcactgaagc | aagcaaagct | gaaaaaagat | gaaatttctg | tacaacacat | caggggaagag | 780 |
| ttggctgagc | tgtcaaagaa | aagtagacct | ttgacaaatt | ctgtcaagct | ctaaatccat | 840 |
| ttttgtgtag | ggagaataat | gtctagtaat | gtggaagaat | agctatcatt | cctgtctctg | 900 |
| tggcaccgga | tcaatggctt | aaatctgtcg | tttttgatat | tcagggttcc | tcaatttagc | 960 |
| cttagtgaag | gaggggttgt | acacactgcc | atttttgtat | tttaaaggaa | aaatgacttt | 1020 |
| cattcccaac | tgattatgac | ctttcaggat | gtcgtcaagt | gatgctttca | gttgtaacac | 1080 |
| gtgacttggt | gctgtccctg | ctgggtctaag | tagaactgta | gattcatatg | ggctgggtgt | 1140 |
| cctgtgcgct | gtgggtgtgg | tgattcagcc | tggcatttct | accataagtt | tttgggtctg | 1200 |
| tgatttgctg | ccctgtcttc | tcttacttta | ctttatcaat | acctggcaaa | ctgaccagaa | 1260 |
| ttaccttcct | catggcaaag | ggggattatg | gtgaattggt | gttcttatag | tctgtttcat | 1320 |
| gaagcacaag | tggaaatttaa | tacataaaag | agaaaaatat | cttagtttgc | taccagcatc | 1380 |
| cagcatgaag | ttgtaaagtg | gggattaggc | acgtgacagt | atagcaccca | tttgaattta | 1440 |
| aataaaagtg | aaccatattt | atctgggttat | ataaaaactaa | aaatgggggt | gtttatataa | 1500 |
| aactaaaaac | taagaatgat | gtaacctttt | gtctgtgtta | tctgaacact | ctacttcctt | 1560 |
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| ctgttctgag | tcagaatagg | cccctacagg | tatattttaa | aactcttcgt | aattctaattg | 1680 |
| tgtactgctg | gtatagctga | actactgacc | tggatcttag | tcctagcctt | tttgcttttg | 1740 |
| caatttcagt | atcttcatct | ctaaactagg | gaaacactgg | gattctttct | tagctgtggg | 1800 |
| ggaaggtatt | tggttagatg | actttgaatg | aatagactgc | tgtgctgaaa | gagctttatc | 1860 |
| acactgtctc | aaagtatgta | aagatacata | ggtggatgct | cttactgcag | cagtcattgaa | 1920 |
| tacattttta | gccattttacc | taaggaaaaa | gacagttttt | ctaggtacca | tgaaggaaga | 1980 |
| ttgaccctgt | tggtatgcct | gtgggggtgg | gatgtgagtg | ggactgataa | actgatactt | 2040 |
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<220>
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| gcaaacgtgc | gcggacactt | ggccagccgt | cacgccatgt | gtcacatggg | gcgggctgtc | 180 |
| ttgggaccatt | gccgctgaat | agtgagcatc | ctctgagga | agtgcccttc | ctcgtgaaac | 240 |
| tcctgggctg | ggtggggaca | cgacctgaag | ttgcaaaaag | gcgggtggccg | gcttagtgcc | 300 |
| ccagtgggtg | tgcacacttc | gccccacatt | ccacatttta | cagaggccct | cggtcgctcc | 360 |
| agggtgacctg | gtggcaactt | taaggaaaact | ttgctttctt | actaaaaagg | aaatgcccaa | 420 |
| gatttgccct | gtggccaaca | cagaagcacc | ccctacagg | gaaggccatg | ccctggcttc | 480 |
| tagagcagc | tgggtgcaag | cgagggtctt | cgttcccgtc | gctttgcaga | cagtatttcc | 540 |
| tcaagcaggc | caggggcagg | caggctttcc | tgccagaaca | ctcagaaagc | tgcagggtct | 600 |
| gggggacagg | cgggtggatg | cgggagcaga | ctcagaccag | caagagatgg | gggtcaggag | 660 |
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| acttgccac | tgtatggggc | tagagacagc | atctccatgg | acaacaactt | cttagccacg | 780 |
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| gtggccagta | tctgggaggg | ctgagctcct | tttgtaaaaca | atgaagtggg | ggatgggtct | 900 |
| ttggagggtg | atggagcatt | tgcctgggag | cttggaaca | gtttgtgtct | caccagggtg | 960 |
| ttgcagcggg | gggctctcag | ctcctgtgg | attcacagg | aacacaccca | tcttatttagc | 1020 |
| acactgcgaag | cacttggtag | attttctctg | atgggaccag | ccttccagtg | tggtccacag | 1080 |
| acgtcaggac | ccctctgtgg | ggtgctttcg | catgggctga | accctgtgta | ccccaatggg | 1140 |
| caaaggaggaa | acttgcatgg | ctctgctgag | gagggggcaa | gtctagtgat | gacccaaggg | 1200 |
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| agctggccac | tggctacatg | tggctactaa | tgacttggca | tgtcactagt | ccaaattgag | 1320 |
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<212> DNA
<213> Homo sapiens

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<223> nb1a21788

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<213> Homo sapiens

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```

```

<210> 153
<211> 2573
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a22116

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<400> 153
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SeqList[1].txt

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<210> 154
 <211> 3324
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a22223

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tgtacattttt tttcacagca atttgaaaaa aacaaccact tgcaatcatt caataaccct 240
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taatacagca tagaaattag tttaaatatt ttttttccca aatagatata atattcaaaa 480
aaggcagcat tcaaattata tagaatctag ttttttaaaa cagcacagat cttcttaaaa 540
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SeqList[1].txt

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<210> 155
 <211> 1618
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a22344

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tagcttaaac acgaagtgtt gagagctgtt taggactctg gaaataataa aaatgaattc 240
ttttaaaatt tatttctggg gaattcgaaa tgcagaacat gtctttcaag agacaactcc 300
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SeqList[1].txt

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| aagcccaggc | tgagagccct | tactcctgaa | cttgaatccc | acctttctgc | tgggctggcc | 480 |
| ctgtgtgcaa | gtcaaccagg | ctcagtacct | acatctgcaa | catggagcta | agggatatctg | 540 |
| ctccttcctt | gcccattaga | ctgtaaggag | ggaaacatta | gtattagctg | gagagttcctt | 600 |
| tggtttctta | gcgaaattgg | tactaaatga | tgcactgtgg | ctttctaaga | aaatgctttc | 660 |
| tatgcagtgt | cagcccccag | gaccatgcgc | aacactgcat | gcagcagata | gaatgcaaca | 720 |
| taaaattata | tgcataactt | tattttgaat | atcaccttgg | aaagtattgg | gttttcattg | 780 |
| ctgtaaaatc | atgttaccag | gagtcacttc | acaaaatact | tgataataga | aggatcactt | 840 |
| gcattctaatt | caccaaacag | tacaattttt | ttaaagggaag | cacaaaaata | aaattataac | 900 |
| aaatatattg | gccaaagcag | actgatgtag | atttggactt | atattttaaa | atcttaaatt | 960 |
| attataagaa | taataagttt | tactatttgg | tttaatat | taataaaaaat | aaaaaatgaa | 1020 |
| aagtttgacc | attcaaacat | catttgtaag | ttaaggatta | gctataaaaag | tcagacatag | 1080 |
| acatttgcaa | cctgtttttg | gaagctacta | tgaattgctg | aattgttttt | catttatggc | 1140 |
| ctgaaatttg | aaagctaagt | actgttatgt | gaacagcgaa | ttggaaaagg | gaataaaaata | 1200 |
| ttgtgtactc | agtgggtgatt | atgcaccagg | cacaccacat | tccttacctg | ttttcatcc | 1260 |
| ctacaactgc | acaaagtagg | tattaat | tccacctcag | agatgaggaa | cctagaattg | 1320 |
| tacaaaatta | gaggccaggc | acgggtggctc | acacctgtaa | tcccagcact | ttgggaggcc | 1380 |
| gagggtggcg | gatcacaagg | tcaggagatc | gagaccatcc | tggctaacac | ggtgaaaccc | 1440 |
| cgtctctact | aaaaatacaa | aaaataagcc | gggcgtagt | gcggacgcct | gtagtcccag | 1500 |
| ctactcggga | ggctgaggca | ggagaatggc | gtgaacccgg | gaggcggagc | ttgcagtga | 1560 |
| cggagatggc | accaccgcac | tccagccctg | gcgacagagc | gagactctgt | ctcaaaaa | 1618 |

<210> 156
 <211> 2274
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a22939

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|------|
| <400> 156 | | | | | | |
| ggacaaaaag | tagctattgc | aagcaccatt | ctctggtttc | ctggagattt | cacgaggctc | 60 |
| tgctaggctt | agcgggaaggc | caagcaggct | gaccactgac | ttcttacctt | cttggatttt | 120 |
| atcttttttc | tttattggat | ttcatagaat | attttattgc | tcttggtggt | ttttcaatcc | 180 |
| cactatttaa | agtcactgtt | cctcagcatg | gagtatggag | gtgtggaggg | tggaaacatg | 240 |
| ccaggggtgtg | ccgtttgtac | ttacttttagt | gagtaagcca | tcaaaggctt | gggaagccat | 300 |
| caagaccttt | gaacagaagt | gtgactgatt | cagagcattc | cttgaaaaag | atgagtgtaa | 360 |
| ggagcaaggga | ggattgagta | gggcacatct | cctattctgc | atcttttcac | cctaacacat | 420 |
| ccattgaaca | gatattttacc | gagtgcctgc | ctacgctggg | ccaagcaatg | ttgtcaacat | 480 |
| aggggacaga | gtctctgccc | tcataaactg | ctattgctgg | taaaagccac | tttctgaatc | 540 |
| gtatgtctggt | gaaaattctc | tgaagaaaag | gctgccactg | ccaacttatc | tcagggcatt | 600 |
| tgatggctct | gactggcctt | ttcctaccca | aaatggtgag | ctttgggtgt | tgggtgaatg | 660 |
| gggtagacata | tggcagagtc | acacatgact | agttgtatgg | gagaatgata | aaattccaga | 720 |
| aacaagagtt | gtagtcatcc | taatagccaa | gccactgaca | aatgtcaact | gagtagaaag | 780 |
| taaccactga | atatcgtttt | aaaaagattc | actgatttat | ttcatcta | cagaccatgg | 840 |
| agcctgttta | ggtagcagac | tgaacttcat | cagccactac | ttgttccctt | tgagtttaga | 900 |
| aattaaaaaac | aactaagccg | gatattccat | actgaagtct | gggtttgaag | ggatgtggcc | 960 |
| aacttgctta | tccttcata | tgcaaaaattt | gcttttatag | cataagcagc | ctttgaatga | 1020 |
| acactatctt | taggtttggt | gtatccgaac | acagtgcctt | ttttagtccg | gagaccttgc | 1080 |
| tctgttgaac | aggagagcac | tggagggtcaa | gctagacctg | gaactaacc | tatttctccc | 1140 |
| attcttcaat | tctggaggcc | attcacattt | cattcttttt | cttccttcca | tacttctcct | 1200 |
| ccatctgtgt | ctgggtttta | tttaactgat | tattgcatta | tgctctaata | atggttcaga | 1260 |
| tcatttttga | agataatgaa | tggtcccacc | acaaagaaac | gataaatgat | tgaaatgatg | 1320 |
| gatattgttaa | ttaccagat | ctgatcacta | aatagtttag | agctgggacc | aaagctgaaat | 1380 |
| attgagatca | aaaagtgggt | aattagctga | gactgggttg | gccagctggc | ttggccagag | 1440 |
| aaactgaata | cagcaaaaggc | attccaaagg | ccttggaattt | atagctccat | gtgggaagg | 1500 |
| aagtcaattc | ctgataacca | tgatatgtta | atcccactgg | taaaaactcc | agatgacaaa | 1560 |
| aaataatgca | aagttgggaa | gaactgaaaa | atgtttccaa | ttcatgtttg | tagttttttc | 1620 |
| tataactagg | agtttcggga | gcaggactaa | gactcctggg | aagaagggct | ggcaaaagg | 1680 |
| aggtagatatt | tggggaccca | gatatgcaca | ctgagattta | aagaagaacc | ccttgacata | 1740 |
| taggtatgtg | taacacaaag | tcaccaaaaga | aaaaaatatc | catttccaaa | taaaagccca | 1800 |
| atcttagcct | ggaccaattt | ggagagagtg | agaaaattct | ttgacttcca | accattgtag | 1860 |

SeqList[1].txt

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| aactggcatt | attaagt | ctgtcatggc | tagttcagca | actggagtag | atatagattt | 1980 |
| atatgtggat | aattagctcc | agtttgataa | gtaaacaaag | ataatgtcat | gggctgatgg | 2040 |
| aataactgag | ttttggaaac | ttttgctata | ttgagtttgg | ctatgctggg | cataacgcatt | 2100 |
| tagagctggc | ggtgtccaca | ggagcacagt | cactcagggc | tcgattttct | tatgcaaaaag | 2160 |
| acaaacgtgt | caacgggaac | agcaattgtg | ataaggaagt | aaaatatggg | agggatctgt | 2220 |
| ttcctgttgg | tgattgctcc | tacgtttacct | ttagctacct | gattaaaaga | aaaa | 2274 |

<210> 157
 <211> 2653
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a23084

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| cccataattt | tctagaatac | ttgttcaaaa | attcagattc | ctggatgcct | ccaggcctgc | 180 |
| tgaacacaaa | tctcctaggg | ttagtaacca | taaatattaa | catactctcc | agggacttgt | 240 |
| tatgaacact | aagtttgaag | accactgggt | aatatcagtg | gaaatttcac | atctattatt | 300 |
| cttcctctac | atgcatttca | tttcatttgg | tacttcaaag | tgtgtacggc | aaaacaacat | 360 |
| cttaaggctt | aagacagatt | atcatggcac | tcgatgacta | ccaaaaagtc | acattttatt | 420 |
| ataaatataa | ccaaaactat | ttttgaatat | gtattattgc | cataaaatgc | actaagctca | 480 |
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| gcacataatt | gccattagcc | aacctactca | ttatcctgtc | tccaaggac | aacaaccttt | 660 |
| taaggtaatt | aaaataattc | catatgcaga | catggcaggg | agacaaaaag | agaatggggc | 720 |
| tgtacaatga | gaagctgggt | gtcacgccac | tcacattcaa | taagtagatg | tttattggaa | 780 |
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| ggctaaattt | tattcacatc | ttggaatagc | ctagcagggt | ttaccaagca | cccacataaa | 900 |
| aggaattttt | gtctggtcac | agtggcttat | gcctgtaatc | ccaacaattt | ggaaggccaa | 960 |
| ggcaggagga | ttgcttgagg | ccaggagtcc | aaagccagcc | tgggcaacat | agtgagagct | 1020 |
| tgcctctaca | aaaaaaaaat | ttgaacaatt | agctgggcat | ggtgacacct | gtctataatc | 1080 |
| ccagctactc | aggtggctga | ggtaggagga | tcacttgagg | ccatgagttt | tatacctgcc | 1140 |
| tgggcaaaat | agagagactc | caactctacg | aaaaaaaaat | taatttaacc | aggtgcaaag | 1200 |
| gcacacccct | gtagtcctag | ctactctgga | ggctgaggga | ggaagatagc | ttgaactcag | 1260 |
| gagttggagc | tatgatcaca | ccactgtatg | ccagcctggg | tgacagaaca | aaacaatgtc | 1320 |
| tctaaataat | aataataata | ataaaaaggaa | ttctaactct | atgagatgga | gggtatttgg | 1380 |
| gggtgaagga | attatagagc | actgtggagt | ggtagccctg | ggaagccaga | tggcatgagc | 1440 |
| accgaatgcc | ttaggaaaaa | ggaacaggtc | agaagagtga | agttggtcac | agaatgaaag | 1500 |
| tggagaatgg | tgtcacacac | agagcaccta | atatgcgatt | ttgtaattcc | taaaaatggc | 1560 |
| ccaagtaaca | ctgcaaaaat | cactgccata | taaaaggcca | tatataaatt | gccacataaa | 1620 |
| aactgatata | aacttttggt | aagtccacaa | ccttttagct | cccctaagtg | gaacctatga | 1680 |
| tccctaagct | gggttgatgc | aagtcctccc | aaatgtcagc | ccacacaagt | ctcttcccta | 1740 |
| cccacttctt | acttcttctt | tcctccccta | gaaagttgca | ggccagcaat | aaagggggaa | 1800 |
| aggggcagga | actagtgcag | ttgatagggg | ccgcctctcc | tgttgagttg | tctcaggatc | 1860 |
| tccttattct | agaccttgat | ggcacatcct | ttgaggatgc | tgatagcctg | ctgagcaaga | 1920 |
| taagcagtaa | cagctaagtg | gtaagatact | caagagtttc | tggacattta | gctgaggagg | 1980 |
| gaaagaaagc | attgaaatac | tggaaaaggaa | gatctgaggg | atttctaggg | aaggagaata | 2040 |
| ctgttgggca | aattagaaga | ctgggaaatg | catgaggcac | agtgatgcaa | ttgagcagcc | 2100 |
| cagccagctg | gaggctagag | tttgagttta | gaaggagaga | agagtggaaa | aatgggatgg | 2160 |
| gtccagactg | caacagccct | caaagagtga | ttataatttt | tacaaggaat | actaattctt | 2220 |
| attaatccgt | tacattgccc | gatctgcaga | gatctagaca | tccttattct | tagttctgta | 2280 |
| ttaaaggaaa | acaaaaacaa | ttatttttaa | atgatacact | ataataccag | aaactcttta | 2340 |
| gataacaact | gtgatcacta | ttgacaacaa | acttttaata | agtatacatt | tcatgggatt | 2400 |
| tagtggctag | gttagaaaaa | aagtcaaaat | attttgaaat | aggcttttgg | ttttgctgat | 2460 |
| acacttctaa | aaactgagct | ctgatttatt | ataattcaac | cattgctcat | gataatacat | 2520 |
| aacaagtgac | acaatcttta | gtaagataat | ttatgaattt | aaagaactaa | gaaaatagct | 2580 |
| gtttctaaag | atctccaatt | ttccaactga | tttctgagca | aatatttctc | taagaaattc | 2640 |
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SeqList[1].txt

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 <213> Homo sapiens

<220>
 <223> nb1a23103

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aaagtgactg gatagggtgc acctaaaaca catttgggaa aattaagtgt gatttcctca 300
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 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a23234

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tgtacatatg tttagtgcg tgctgggcag aggagtgtgg gaatgtacca gcgtgtatat 180
aagacagtgt gcatcttacc taataatctt tatggccaga ttgagaataa atttttcgaa 240
attttctttc ttccgcattt ccaactgacc cttattttaa agtcattaat gttgagctct 300
ctcatgggat ctttatccat ttttctaaag ctgcggtttc tcaggttatc aagtttataa 360
cccttgtgag caagtcacgg atggtggagg agcatatgc gagtatctgc atgagacggg 420
gggctgagtg tgggaaactt gtgggactct ctcacctccc ctttctcaga gcaccagag 480
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SeqList[1].txt

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gtgtgtaaaa tgaggtgatt gtaccaggcg atctctaaac acccttcctg ccctgatgtt 720
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<210> 160
 <211> 1715
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nb1a23300

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cacttgaaat gtatcacccc ttcagttaat agaattgtaa acatgttagg atgcctgcct 180
agaggattta gcagaaaatg ctttgtaaat gttctatata tgaaagtaca tgttgatgtc 240
cagggttagc agatgaacaa agatgcgcag atgagagcag cgattaacca aaagttgata 300
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tttaactagt agcttgtaag aatctaaca agaaatgaaa catgtcactg gaaagaatta 420
caattgatg tataaaaagt tctattccga acatctggaa aaaataattt aggtttgtta 480
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SeqList[1].txt

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| gacagataaa | actgtgtaat | aatgtcagat | ggtgatgagc | actagaggaa | caataaagca | 1680 |
| gaaaataaag | aggtgtaata | ttttagatag | aaaaa | | | 1715 |

<210> 161
 <211> 2585
 <212> DNA
 <213> Homo sapiens

<220>
 <223> nbla23369

<400> 161

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| ctttgaacac | ttttgaaagt | ttttggaaac | ttagaaaaa | gggaaaaaaa | tccagtgtta | 120 |
| ctagtaattt | ccatggtaat | acagataaaa | tacattcttt | taattctggg | aaatttagaaa | 180 |
| aagtggggtg | atctttccag | gaaaaacatg | tgtaacatct | gcttatcact | ccagctccct | 240 |
| cctcctcctc | ctctccacgt | tcccttgagt | aaatgtctgg | gaaagcatga | agcttgatgc | 300 |
| aagaaccctg | ttgtactggc | gttttcctcc | cctgtgaaaa | cgtaactact | gttgggagtg | 360 |
| aattgaggt | gtagaaaggt | ggtggaacca | aattgtggtc | aatggaaata | ggagaatatg | 420 |
| gttctcacct | ttgagaaaaa | aacctaaagt | tagcccaggt | agttgcctgt | aacttcagtt | 480 |
| tttctgcctg | ggtttgatat | agtttagggg | tgggggttaga | ttaagatcta | aattacatca | 540 |
| ggacaaagag | acagactatt | aactccacag | ttaattaagg | acgtatgttc | catgtttatt | 600 |
| tgtaaagca | gtgtgaatag | ccttcaagca | tgtaataat | cttccatctt | ccccgccaca | 660 |
| catacacaca | cacacttttt | gtttctttca | ggtagacacc | ttttaaaatg | caaaaactaac | 720 |
| tgaggcattt | cagtaacttt | gctttcaaat | caataaagtc | aaatgtatgg | aaacattttg | 780 |
| tgccctactc | tccatacccc | gtgtactcaa | attctctact | gtatgaatta | tgctttaagt | 840 |
| agaattcagt | gccaaggaga | acttggtgaa | ataaattatt | ttattttttt | ttttatcctt | 900 |
| tacaaagcca | tggattttat | ttggttgatg | tgtgctctgt | acacaagcca | tttcaatagg | 960 |
| atggagctgt | taattatttt | ccaaagagta | atagacatgc | aaaagtttca | ataaaaaactg | 1020 |
| ggccattaac | aaataaatta | ataaactaat | aagcattccc | ttctagggtt | ttgccaaact | 1080 |
| gcctatccaa | taacaaattt | gagaatcgtt | gaaaaagcta | gttatatttc | agagaaatga | 1140 |
| ttttcattat | tgaactgttt | ctccctagca | ggccattttc | cctttttcct | gggagtttag | 1200 |
| caagtttagg | agagaatagt | catgaaaaga | aagggaagaa | aggggagaag | ggaagagggt | 1260 |
| aaaaagtaag | tgctcagacc | tatgaacgta | atccctttgc | tagaaatatt | taagagcagc | 1320 |
| tcagcttggg | tgaacttgag | ttttgtcatc | ttccatattt | gcaggaagggt | attttctgac | 1380 |
| ttgcaatgca | gctagatgta | aaatttttat | ttatcatact | agaaagcctt | gactagaaaa | 1440 |
| atgaataaat | attgagggtt | tcctgtccat | atctggcttg | catgtgccag | aaagcagaga | 1500 |
| atagaaaaatg | taatctccaa | catccaagca | tcgaaaacca | aggggtaggc | aattctatgt | 1560 |
| aggttttggg | catgaagttt | ggtgcatctt | ggtttatgct | ggctcaactg | ctattaaacc | 1620 |
| tctctggcct | atagtctctt | cattctatta | gacaagcacg | tatcgaacac | ttgcttcgca | 1680 |
| caaggctctt | tagttaacaa | tttagcagct | actgtttgtg | ttaaacacac | ttttcaccaa | 1740 |
| ataggtttctg | aggcaaatgc | gagcaatgac | tatttaaaga | aaggctttcc | cagcatcact | 1800 |
| tacacatccc | aaaactaaaa | agatcaactc | ttccaactga | gaaaagactc | ctggctttga | 1860 |
| atggaaactt | acagcagaga | gtcacaggcc | acggcaacaa | caacgacaac | aacaaacatt | 1920 |
| tggaaatatta | ttctcaactc | acgtttttaat | aatacatctt | attatttttc | tagtagagaa | 1980 |
| actacaaatc | agcctcttca | acattttatat | acagtttaat | aagcctcttg | caagttactt | 2040 |
| gttctctcac | ctgaggatatt | tttttcctcc | ccaccttgcc | cctgttcctc | ccttcctctt | 2100 |
| ctccctttgc | aagaggaaat | atttaacata | tttgggtcca | acttcaataa | tgtaataaatt | 2160 |
| aatacattta | aagcatttta | cttcctttct | agaaaaatgc | acaggctaag | gcatagacaa | 2220 |
| aacaaagaga | aatgctgaga | aatttgccac | tggagacaag | caatctgaat | aaatatattgc | 2280 |
| caaaagtctt | ttttatgtca | tatagtgtca | ggatttgaag | gagctatttt | tttttaatgt | 2340 |
| tgcaactagc | aactcatctt | cgggaagacac | agccaggaga | atgaagtaga | agtgaagggt | 2400 |
| ttataaatcc | atgttgaagc | atttatccca | tatatittaa | attcaagaaa | aattgtgttt | 2460 |
| atcttttagaa | ttttgtattc | aatactttat | gtactatgtg | actcatgctt | ctggataaat | 2520 |
| aaagcaccaa | atatgtatct | gtaaccacaa | tcacacatat | tatatataat | atatatctat | 2580 |
| aaaaa | | | | | | 2585 |

<210> 162
 <211> 2027
 <212> DNA
 <213> Homo sapiens

SeqList[1].txt

<220>

<223> nb1a23436

<400> 162

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| tttgcaaggc | ctagaatagc | tggggagtg | tttccccgcg | gaatcggcct | ccctgccgct | 120 |
| cctgctttgt | actgtgacgc | tcagcctgtg | atgactgggtg | tggaaatccgc | tgagccacct | 180 |
| tggcctaagg | agactttacc | actctgagat | tgtaaactctg | taaaatagag | atgtaggatt | 240 |
| agcccatacg | gtagttgtgg | taaatactgt | gagacaataa | ggggcctggg | acacagcatt | 300 |
| caaatgggaa | taatgaagg | caagactgtg | attcctgtat | ctttgacgct | ctcgggtataa | 360 |
| gcaccgtcgt | gggcacaggg | cagtggcctt | tatgcaggag | tttaagaggg | aatgaaggaa | 420 |
| tgaatgggca | aactctggag | ttcccaagta | ttctctccag | gagctgtttc | cattcttttc | 480 |
| gtttccagca | ggttggtaaa | ttcattaatt | tattcattga | tctaattaaa | atataactaag | 540 |
| tgccccctac | ctgtgctagg | ccaatgtgat | acaatgagca | gaacagtcac | gggcccctccc | 600 |
| tgggaagccc | tcactagccc | aaggactcct | tgtagacatt | taagtgtcca | caggctctgg | 660 |
| agttccaacc | ttgagtgcac | tttagcagct | gtggaccttg | ggcaagtcac | tacatctaag | 720 |
| cctgttttct | cttctgcaaa | atgggttaagg | attcaataag | ataaaactgt | aggcaatgaa | 780 |
| aaccgtacct | ggtaacagta | gggtgtgaag | aagtgttagc | tattaatttt | tgcttaattt | 840 |
| ttctctctct | gtcttatgtg | atgaaaagat | tcaagaggca | attgttggaa | tgtaaaaaga | 900 |
| gcacgggact | tggagtcaaa | tacttaagtc | taccatcaag | tagttgttaa | gaattaaaca | 960 |
| acaatttttg | tgtacccagt | taaatgtggg | ctgcttagga | atgatgactg | tgtcttaatg | 1020 |
| atctctgtat | tcttagtgac | atgtagaatc | attgtgcctg | acacatagta | tgtactcagg | 1080 |
| aaagaaatgg | aaaatgtggg | tttagcattg | aaggccggga | gagaggggtct | aacagactac | 1140 |
| aagccctgcc | aggagcagag | taagggaaac | agaggagaaa | agtgttttta | gtctgtgcct | 1200 |
| gaatgtatgt | acatctgttt | gtagcccaaa | agccaaaagc | gtacatacgc | ttggcttttc | 1260 |
| tgtagctatg | tttatggctt | tacagcagat | tttatggagc | tgcaattact | ttgatcatga | 1320 |
| gggactgatg | ctagtggatt | tacttcacca | aatggaactc | actttgtggc | ttctgaagaa | 1380 |
| gggacctttg | tggactgtca | tggagtagtt | aagagtgcag | gctctgattt | agtgatcaga | 1440 |
| gtctgtcattg | tcaggaatgg | gacaaaagtga | agttatgtgg | cacttgatag | gatgccctga | 1500 |
| gaagattgca | acatcacccc | tgtgatattc | ctgctgaaga | tccataacct | ggatgtaatc | 1560 |
| atgaggatat | atcagacaaa | cccacgtaaa | gagacatgct | gtatacaaaa | ctgtaatctt | 1620 |
| agaaaagtgc | aaggtcatga | aaatcaaaga | tagaccctgg | aactgttcca | aactggaggg | 1680 |
| gaccaaagag | gcatgacaac | taaacacaac | acatgattct | gaactggatc | tttttgcttg | 1740 |
| aaaggaagtt | acagggacag | ttggaaaagt | ttaaatgggg | cctacaatgc | cgtggtaatg | 1800 |
| atgtgtccgt | gttaatttcc | tgattttcat | ggttgcctgt | taagttacat | cagaggatgt | 1860 |
| tcttgtttgc | tggaaagtaa | atcaatgtat | ttggcagggg | ataaggcatc | aaatggtcac | 1920 |
| cttaatttca | aattattaca | gggaaaatgt | ttctctctgt | acttaataac | ttttttgcaa | 1980 |
| tttcttaaaa | tgaagctctt | ggagtaaaaa | cttcaaggat | ccaaaaa | | 2027 |

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<211> 2400

<212> DNA

<213> Homo sapiens

<220>

<223> nb1a23511

<400> 163

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| tttaatttgaa | tgctaatttc | ctataaccaa | gaaaacagtt | gaattaaata | acccttatct | 120 |
| tttaaaactta | aagcttatac | tactaataat | catttaacat | tcacttcctt | ttttctgact | 180 |
| taattggtag | gtaaataaaa | tacttcaaat | ttgattggca | aattggaaaa | tcacttagaa | 240 |
| caatctgcta | gtatttttta | ttccctttgt | tttttccttt | acacatttgt | actgcaaaat | 300 |
| aaatcaagga | caaagactca | cactgaattg | atcaacttgt | gtttggctct | catgggaatt | 360 |
| acatcttttt | tcccctcaac | atttattaaa | ggaacataga | gaatttcaga | ctatagcaaa | 420 |
| ctaatacctt | tagcttgact | aagagttgat | tttcgttaag | gaacagaact | tgtaatttat | 480 |
| ttcgacatac | tttaatgtat | gactcatccc | tgttaaagtt | gtgagactca | aaactacgcc | 540 |
| caaatacact | aatttttatgt | ccttccctgt | ttactgtgtc | tgaccttcaa | gatttcgtga | 600 |
| ctgatgctga | aatggaaagc | aaccactgca | gaaatttggg | ggaaaatgag | atctgaagaa | 660 |
| tacaagggga | agtaggaatt | catttctagc | atttccaaac | ctgcttaatc | gtgtctgctc | 720 |
| caccacagtc | agaggaaaa | actgagttca | tggaaattac | cagctaagcc | ttacatctgt | 780 |

SeqList[1].txt

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<210> 164
<211> 2954
<212> DNA
<213> Homo sapiens

<220>
<223> nb1a23664

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agctgttgag atttctatct catgtcttga tgttctctca gaatgtttat tgggtctcatg 180
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tcttatccat tctattatta ctctgagaa agctttgtag ttgtcatggt actcatggtt 540
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atttttgtgt ttggtaaact atgttttcta ggggtggtgt tttaaatgta gtttaatttt 660
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tcagataata aaaaacttaa atgaactgta aaacactgaa gttatgaaga aagagtgacc 780
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SeqList[1].txt

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tgttgttagg aaagcatttt ccagtaattt gatttttctg gcaccctaac taagggaagt 2040
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<211> 1996
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a23860

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tgatgatgcc aaccaataaa ttcaattagg aatataatga tgagcaaagc agacattgac 180
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tctatcttta tatatccaaa tgaaatctgg ttttttttct tgcataatatt tcaatccctc 1560
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SeqList[1].txt

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gattttgtag gggacaggca ccatttattc attcagtcac tgatttgatt gattaacttc 1920
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<210> 166
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<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a23877

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1481

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<210> 167
<211> 2056
<212> DNA
<213> Homo sapiens

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<220>
<223> nb1a23998

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SeqList[1].txt

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 <212> DNA
 <213> Homo sapiens

<220>
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SeqList[1].txt

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| aggtgactcg | cctgccttgg | cctcccaaag | tggtgggatt | acaggcatga | gccactgcgc | 1680 |
| ctggccagct | agagagtttt | taaagcagag | ctgagcacac | actggatgcg | tttgaatgtg | 1740 |
| tttgtgtagt | ttgttgtgaa | attgtttacat | ttagcaggca | gatccagaag | cactagttaa | 1800 |
| ctgtcatctt | gttgggggtt | gcttaaattt | aattgactgt | ttagattcca | tttcttaatt | 1860 |
| gattggccag | tatgaaaaga | tgccagtgc | agtaaccata | gtatcaaaaa | agttaaaaat | 1920 |
| tattcaaagc | tatagtttat | acatcaggta | ctgccattta | ctgtaaacca | cctgcaagaa | 1980 |
| agtcaggaac | aactaaattc | acaagaactg | tcctgctaag | aagtgtatta | aagatttcca | 2040 |
| ttttgtttta | ctaattggga | acatcttaat | gtttaaatatt | taaactattg | gtatcatttt | 2100 |
| tctaattgat | aatttgtatt | actgggatca | agtagtgaca | gtggtgatgc | tagtagaagt | 2160 |
| ttaagccttg | gaaataccac | tttcatattt | tcagatgtca | tggatttaat | gagtaattta | 2220 |
| tgtttttaaa | attcagaata | gttaatctct | gatctaaaac | catcaatcta | tgttttttac | 2280 |
| ggtaatcatg | taaataattc | agtaatatata | actgtttgaa | aaggctgctg | caggtaaact | 2340 |
| ctatactagg | atccttggcca | aataattttac | aattcacaga | atattttatt | taaggtgggtg | 2400 |
| cttttttttt | tgtccttaaa | acttgatttt | tcttaacttt | attcatgatg | ccaaagtaaa | 2460 |
| tgaggaaaaa | aactcaaaac | cagttgagta | tcattgcaga | caaaactacc | agtagtccat | 2520 |
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<220>
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| acaggtctaa | tgaatgggtgc | tgcttcacag | aggctgcacc | accagtcattg | aggatctcag | 180 |
| tatgggcact | caggaagttc | tgctgttggt | ctgataccaa | gagtaccttc | agattctgga | 240 |
| accagagctc | acgggggttg | ctatgaagga | gacaggaaag | gaccttagca | tgacaagtaa | 300 |
| aaggattttc | actgcctttc | tgcaaaagga | ctcatgtaca | tctgaatgct | ttcaaaaata | 360 |
| tatccaacaa | cagacatagt | gtctcaagcc | tgtaatccca | gcactttggg | aggctgtcgt | 420 |
| aatgccccat | cttgggcctg | ggagttcgag | accagcctgg | gcaatgtggg | gagaccccat | 480 |
| gggtgggatct | gacaacaaaa | aaattagctg | gggtgtgggtg | cgagtgcctg | tagtcccagc | 540 |
| ctctacaaaa | gctgaggtag | ggggatcact | tcagcctggg | agggtgaggc | tgacagtaag | 600 |
| agcttgggag | ccactgtact | ccagcctagg | tgacagagca | agacttcac | ttaaaaaact | 660 |
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| aagccctata | tttctaattt | ccatgtttgt | tctggggctg | agaataatcc | aaatcatgct | 780 |
| cattcctggc | tatattttta | atgcttgctt | aaaacttagt | tctctgactt | tacaggttga | 840 |
| cctgagccaa | gaatattgaa | cctatatata | catttgcaaa | aggttcctag | ccaatgtaac | 900 |
| gaatattgaa | aaactagata | aaactcctgaa | gtcatttcaa | acccactcaa | atztatccca | 960 |
| ctaggggaaat | aattttctaga | aagctttact | ctctcaccta | gattctcttc | cctccaaagc | 1020 |
| cagacattcc | cctgcctata | caattctgga | tgggcttcaa | atacttacca | gtccagaatt | 1080 |
| ttgtctgtcct | caaggctgta | cccagctggc | aacagataat | tacggtagtt | ctggagctgg | 1140 |
| ctttgtctcct | aactatcatg | gacccagaca | tgagacacac | aagggaatccc | actggcaagg | 1200 |
| ttggcatggc | acttccgggt | tcgacaatgc | tgatccgcaa | ttagaagaca | ctggtaagct | 1260 |
| cacaggaagt | gcaagaaaag | aagcagagcc | aatgggtttg | gtgacttctg | tggaagctc | 1320 |
| gtgtttacact | gccataatga | gccatgaaga | gcagatctga | agactcccaa | ctactaccca | 1380 |
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| tactactaaa | tcctactctc | tcctccatca | acacaacaaa | aattctattt | catgcaaaaa | 1680 |
| taacccaagg | gtttctcagt | tcttgaaatc | tctggctact | ttatccaggt | tcccaaccc | 1740 |
| cattttggca | tcttctcaac | acagcaagtt | ggctcttatc | attgccacta | tattaggtta | 1800 |
| ctcccaggcc | ctcctcacct | gggcttcatt | gaaatcttca | aggatatagc | cagctcctgc | 1860 |
| cacaaagaaa | gattctgtat | actgcttggt | gaaaggagga | atttccaaaa | attctatatt | 1920 |
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SeqList[1].txt

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 <212> DNA
 <213> Homo sapiens

<220>
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 gttcttctgt tcccctccca gggatgagtg atgaggactc agggctcctt cccacagatg 360
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 ctggcacaag gatattcatt ggtaaggaaa cttgttggag aatgtgtgaa ggcccagggt 960
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SeqList[1].txt

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gcagctggca ttggtctaga gctttataag gtaatggaaa ataactttgt tgttatgggt 960
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SeqList[1].txt

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| aaaagaagaa | tgaagattgc | cctgctagat | ctggaacaag | atataaagca | tgagttagta | 1140 |
| aaagaatgtg | gtactaacat | agcaatagac | aaatagggtta | attgcaacag | gatacagaat | 1200 |
| ccagaaacac | acacacatat | atatgtatgt | gtatcatata | tttgtatttt | atataaatat | 1260 |
| atatgatcat | atataaatat | aagataacgt | ttcaaatcat | tggggcatgg | atataatgtc | 1320 |
| gataaatgtt | atggagacaa | atacctatca | ctttggaaaa | tagaaaactt | gtattcctgc | 1380 |
| cttgataaaa | atattaattc | tggatggatt | aaaatctaaa | cataaaaata | aaaataatgg | 1440 |
| agacaaatac | ctatcacitt | ggaaaataga | aaacttgtagt | tcttgccttg | tataaaatat | 1500 |
| taattctgga | tggattaaaa | tctaaacata | aaaataaaaa | ttaggacaga | atgcagtggc | 1560 |
| ccacgcctat | aatcccagca | ctttgggaag | cccaggcagg | aggactgctt | gtgaccagga | 1620 |
| gttccagacc | agcctgggca | acatagcgac | accctgtttc | tacaaaaa | | 1668 |

<210> 173
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 <212> DNA
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 <223> nb1a22298

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| caggcactgt | tctataggga | aggaggttag | aaactcagat | tcatggatgt | tgctaagagc | 120 |
| aaccgcgaac | tcagacattt | ttcactgtgc | tttccttggc | atgccaaactc | gaaggagaaa | 180 |
| tgtagcaaat | ggggcacagg | gagaaaccgt | gccagtaggt | atggtattgt | taggtaaaaat | 240 |
| ggagcagcct | tgcttgtttg | gggaaccttt | cagtctcccc | aactatggac | tatcgggttc | 300 |
| ctgattttcc | aagtcctcgc | tgagggtggg | atgttggtgtg | gatgatgtct | ttccccctctg | 360 |
| cagtggttgt | ggcacacaca | gacgtgtgaa | ccttgaccac | aggctcgaca | caccctggtg | 420 |
| tcatcgggtg | ggttggtgtc | cagtggccct | gagccaagca | agaccccagg | aaagactctg | 480 |
| gaaaactgaa | gggggctgga | tgtcacccac | agtacatacc | ttgtgcctgt | aacgaagcag | 540 |
| gcactggttt | catttaggaa | aggtattgtg | tccgaagccc | cattttttaga | ctgttaaaaag | 600 |
| tatacaaaaca | gaaacgaaca | ccattgcctt | aggtgcaaaag | cacacttttt | tattttaata | 660 |
| gaagcccagg | cttgcacaaac | accaccttca | tgaagattgg | tcattttctga | ggatgacaaa | 720 |
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| ttggctgcaa | taaataattg | tgttgctggg | aactcagcaa | cattaggata | atattaaaaa | 1080 |
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| catgaagaca | tgtatagaat | tttagttatc | tataggtaaa | ctacttattt | taattcatca | 1200 |
| tggactaagg | ggacaaaact | gcacccacac | acacacatac | acacacacaa | acgtacacac | 1260 |
| agtaaatatt | ttcatgatat | cgtctagggg | tgtcaaatta | acaaaaatta | acataaaaaa | 1320 |
| agatgcattt | tcaatgagat | tatcatcaga | tattatttat | gaacagctta | aatagaatga | 1380 |
| agacttgga | ggatttgggg | gaaggctcgc | atgtgagtg | gtgtgtttgt | ttgtgtgtgt | 1440 |
| gagtgtgtgt | gtgtttgccc | ttttttccct | ttgttttcag | gatagttcca | tttagaaaaa | 1500 |
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 <223> nb1a22549

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| aacctgtaca | acatttctac | actttatgga | tgggaaacgg | agacatggga | agtgtggctg | 180 |
| agttgttcat | ggatgtagaa | atagtaaacg | gcagagtagg | aaagtgaaac | cgcctatctc | 240 |

SeqList[1].txt

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 <213> Artificial Sequence

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<210> 176
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<400> 176
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SeqList[1].txt

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SeqList[1].txt

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21

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21

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23

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22

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SeqList[1].txt

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SeqList[1].txt

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SeqList[1].txt

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SeqList[1].txt

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SeqList[1].txt

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SeqList[1].txt

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SeqList[1].txt

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SeqList[1].txt

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<210> 385
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<210> 386
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SeqList[1].txt

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<220>
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SeqList[1].txt

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SeqList[1].txt

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<400> 402
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SeqList[1].txt

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SeqList[1].txt

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tatggtccca aaggtggatg 20

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SeqList[1].txt

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<220>
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<220>
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<400> 553
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20

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22

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20

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SeqList[1].txt

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SeqList[1].txt

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<400> 568
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SeqList[1].txt

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21

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23

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SeqList[1].txt

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SeqList[1].txt

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<400> 599
gtcatagtgc ccaccaca                                           18

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SeqList[1].txt

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SeqList[1].txt

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SeqList[1].txt

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SeqList[1].txt

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<210> 624
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SeqList[1].txt

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SeqList[1].txt

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19

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SeqList[1].txt

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<400> 641
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<210> 642
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<210> 643
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SeqList[1].txt

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 <210> 651

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<210> 652
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<400> 652
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tgccaggga cagagagtg 19

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tgcaggcgta caactaaca 20

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SeqList[1].txt

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<220>
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<210> 659
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<220>
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<220>
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<220>
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SeqList[1].txt

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<210> 663
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<220>
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<400> 663
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<220>
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<400> 664
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<210> 665
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<220>
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cctagaggaa ggtgggctgt                                20

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SeqList[1].txt

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cagcctccca actcattttc 20

<210> 668
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<220>
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<400> 668
tgggctcctt ctgcaatc 18

<210> 669
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<220>
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cggtttgccc tgtttttatg 20

<210> 670
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<220>
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<400> 670
gctcaactac tatcttgga tctcttt 27

<210> 671
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gcagtttctt catcaaagggt gt 22

<210> 672

SeqList[1].txt

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<220>
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<210> 673
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<400> 673
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<210> 674
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<220>
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aggatagcac cattcatcac ct 22

<210> 675
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<220>
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<400> 675
tgctggggag tatgaagaca 20

<210> 676
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<220>
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<400> 676
ctttatttgc agccattcca c 21

<210> 677
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SeqList[1].txt

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<400> 678
acagctcatg tctgcctcct                20

<210> 679
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<220>
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<400> 679
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<210> 680
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<210> 682
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SeqList[1].txt

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<400> 683
agacactatc acgagacca ga 22

<210> 684
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<220>
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<400> 684
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<210> 685
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<210> 686
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<220>
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<400> 686
atccaaaagg ggccatagag 20

<210> 687
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SeqList[1].txt

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<210> 689
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<210> 690
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<220>
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<210> 691
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<220>
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<210> 692
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<210> 693

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SeqList[1].txt

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<210> 696
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SeqList[1].txt

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19

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19

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20

<210> 702
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20

<210> 703
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<220>
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SeqList[1].txt

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<400> 704
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<400> 705
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<210> 706
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<220>
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<400> 706
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<210> 707
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<220>
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<400> 707
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<210> 708
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<220>
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<400> 708
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SeqList[1].txt

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<210> 710
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<220>
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<400> 710
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<210> 711
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<210> 712
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<220>
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<400> 712
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<210> 713
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<210> 714

SeqList[1].txt

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<210> 715
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<210> 716
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<400> 716
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<210> 717
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<210> 718
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<210> 719
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SeqList[1].txt

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<400> 720
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<210> 721
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<210> 722
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<400> 722
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<210> 723
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<220>
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<400> 723
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<210> 724
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SeqList[1].txt

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<400> 725
cttcgccaga caaaaccatc 20

<210> 726
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<400> 726
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<210> 727
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<220>
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<210> 728
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<220>
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<400> 728
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<210> 729
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<220>
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SeqList[1].txt

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 <400> 730
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 <210> 731
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 <400> 731
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 <210> 732
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 <220>
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 <400> 732
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 <210> 733
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 <400> 733
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 <210> 734
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 <220>
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 <400> 734
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 <210> 735

SeqList[1].txt

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<220>
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<400> 735
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<210> 736
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<400> 736
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<210> 737
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<400> 737
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<220>
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<400> 738
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<210> 739
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SeqList[1].txt

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<210> 744
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SeqList[1].txt

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<400> 746
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<210> 747
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<210> 748
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<400> 748
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<223> Synthetic Primer: nbla21337-1f

<400> 749
atttcagccg catctcacac 20

<210> 750
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<220>
<223> Synthetic Primer: nbla21337-1r

<400> 750
gcttcgcca a cactcattac a 21

SeqList[1].txt

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<223> Synthetic Primer: nbla21344r1-1f

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<210> 752
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<220>
<223> Synthetic Primer: nbla21344r1-1r

<400> 752
attcttcccc ctccctctgt                    20

<210> 753
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<220>
<223> Synthetic Primer: nbla21956-2-1f

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ggacttgggg ctctcctct                    19

<210> 754
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<220>
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<400> 754
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<210> 756

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SeqList[1].txt

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<210> 757
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<220>
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 ggtgagttag ctttgaggtg tg 22

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<220>
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<400> 758
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<210> 759
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<220>
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<400> 759
 ccctacggat caagggctac 20

<210> 760
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<220>
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<400> 760
 ctgtctcagg ggctccaac 19

<210> 761
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SeqList[1].txt

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<220>
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<400> 761
gaagatgctg ccctaattcc
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<210> 762
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<220>
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<400> 762
ccacattcct tttctttgtc c
21

<210> 763
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<220>
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<400> 763
ggacagcagc aactcaaaaa g
21

<210> 764
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<400> 764
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20

<210> 765
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<220>
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<400> 765
tgagcaatac cctgcctaca
20

<210> 766
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<220>
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SeqList[1].txt

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gtccccagtg ctaatcctac tc 22

<210> 767
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<223> Synthetic Primer: nbla24182-1f

<400> 767
ctgacgggag aggaggaa 18

<210> 768
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<220>
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<400> 768
gaaaaggcac cgaacagaac 20

<210> 769
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tcagacggtg aggatgatgt 20

<210> 770
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<400> 770
cgctgtcctt ttgcctgt 18

<210> 771
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<220>
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SeqList[1].txt

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<210> 773
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<220>
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<400> 774
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<210> 775
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<223> Synthetic Primer: nbla24762-1f

<400> 775
agctactctg aagacctccc tatgt 25

<210> 776
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<400> 776
tgcattccaca cggtctcttg 20

<210> 777

SeqList[1].txt

<211> 20
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<223> Synthetic Primer: nbla24893-1f

<400> 777
agatggattt ttgccccttc 20

<210> 778
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<220>
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<400> 778
tacaggtaga aacaagccca ca 22

<210> 779
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<220>
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<400> 779
tccctggagg caaacaca 18

<210> 780
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<220>
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<400> 780
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<210> 781
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<220>
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<400> 781
atggaacacc acagccaga 19

<210> 782
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SeqList[1].txt

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ccagagtcag cccattaaac a 21

<210> 783
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<220>
<223> Synthetic Primer: nbla23020-1f

<400> 783
tcaggatgag gaaatgacag g 21

<210> 784
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<220>
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<400> 784
agtcacgctg ggaggaaag 19

<210> 785
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<400> 785
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<210> 786
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<220>
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<400> 786
gttccctttc ggtagttgag g 21

<210> 787
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SeqList[1].txt

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<210> 788
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<400> 788
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<210> 789
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<400> 789
cagatgggga gtgttctgat g 21

<210> 790
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<220>
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<400> 790
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<210> 791
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<220>
<223> Synthetic Primer: nbla22808-1f(k)

<400> 791
ggaccaagat atggtttttg ag 22

<210> 792
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<220>
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<400> 792
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SeqList[1].txt

<210> 793
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<220>
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<400> 793
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<210> 794
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 <212> DNA
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<220>
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<400> 794
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<210> 795
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<220>
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<400> 795
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<210> 796
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<220>
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<400> 796
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<210> 797
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<220>
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<400> 797
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<210> 798

SeqList[1].txt

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<220>
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<400> 798
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<210> 799
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<210> 800
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<220>
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<400> 800
 accgtctcaa atcgaaccac 20

<210> 801
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<220>
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<400> 801
 acacatgcct agcagacca 19

<210> 802
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<220>
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<400> 802
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<210> 803
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SeqList[1].txt

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<220>
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<210> 804
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<220>
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<400> 804
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<210> 805
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<220>
<223> Synthetic Primer: nbla22031-1f(k)

<400> 805
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<210> 806
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<220>
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<210> 807
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<220>
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<400> 807
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<220>
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SeqList[1].txt

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<220>
<223> Synthetic Primer: nbla23896-1f(k)

<400> 809
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<210> 810
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<220>
<223> Synthetic Primer: nbla23896-1r

<400> 810
gtccttcca agatttatcc ac 22

<210> 811
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<220>
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<400> 811
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<210> 812
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<220>
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<400> 812
ccgtttctgg gctctcttg 19

<210> 813
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<220>
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SeqList[1].txt

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<220>
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<400> 814
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23

<210> 815
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<400> 815
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<210> 816
<211> 22
<212> DNA
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<400> 816
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22

<210> 817
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<212> DNA
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<220>
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<400> 817
ggagagaagt ttgaagaaac ca
22

<210> 818
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<220>
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<400> 818
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20

<210> 819

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SeqList[1].txt

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<220>
<223> Synthetic Primer: nbla22558-1f(k)

<400> 819
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<210> 820
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<220>
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<400> 820
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<210> 821
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<400> 821
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<210> 822
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<220>
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<400> 822
ttgacagtgc tgcttggtg 19

<210> 823
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<220>
<223> Synthetic Primer: nbla21969-1f(k)

<400> 823
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<210> 824
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SeqList[1].txt

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<220>
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<400> 824
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<210> 825
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<220>
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<400> 825
tgtggttcat agtgaggtgg a                                21

<210> 826
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<220>
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<400> 826
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<210> 827
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<220>
<223> Synthetic Primer: nb1a23272-1f(k)

<400> 827
ctagggacag gaagatgggtt g                                21

<210> 828
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<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nb1a23272-1r

<400> 828
gatacaggtc atgggcagag                                20

<210> 829
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<220>
<223> Synthetic Primer: nb1a23307-1-1f(k)

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SeqList[1].txt

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| <400> 829 atccctcaga acccatgct | 19 |
| <210> 830 <211> 20 <212> DNA <213> Artificial Sequence | |
| <220> <223> Synthetic Primer: nbla23307-1-1r | |
| <400> 830 cgctcaactt ccacttctcc | 20 |
| <210> 831 <211> 20 <212> DNA <213> Artificial Sequence | |
| <220> <223> Synthetic Primer: nbla24117-1f(k) | |
| <400> 831 gtcctgaagg cagagggaag | 20 |
| <210> 832 <211> 20 <212> DNA <213> Artificial Sequence | |
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| <400> 832 caggggttggg gtaagagagg | 20 |
| <210> 833 <211> 19 <212> DNA <213> Artificial Sequence | |
| <220> <223> Synthetic Primer: nbla23262-1f(k) | |
| <400> 833 ggacaagagc caggaagaa | 19 |
| <210> 834 <211> 21 <212> DNA <213> Artificial Sequence | |
| <220> <223> Synthetic Primer: nbla23262-1r | |
| <400> 834 ggtggaaagg tttggagtat g | 21 |

SeqList[1].txt

<210> 835
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<400> 835
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<210> 836
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<220>
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<400> 836
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<210> 837
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<220>
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<400> 837
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<210> 838
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<212> DNA
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<220>
<223> Synthetic Primer: nbla20263r1-1r

<400> 838
gcctgtcctg tagctggtt 19

<210> 839
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<220>
<223> Synthetic Primer: nbla20723-1f(k)

<400> 839
agatgccaaa cgcagaac 18

<210> 840

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<220>
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<210> 841
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<220>
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<400> 841
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<210> 842
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<220>
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<400> 842
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<210> 843
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<220>
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<400> 843
ggatcagaga gggctacctt g 21

<210> 844
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<220>
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<400> 844
cctgctgttt ggtagtagtg 20

<210> 845
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SeqList[1].txt

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<223> Synthetic Primer: nbla21016-1f(k)

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<210> 846
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<220>
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<400> 846
ctggattttt gccctgtctc                20

<210> 847
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<220>
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<400> 847
caatcaccag ttgctgtcct                20

<210> 848
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<220>
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<400> 848
atttcccagt ctcccctatg t                21

<210> 849
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<220>
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<400> 849
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<210> 850
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<220>
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SeqList[1].txt

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<223> Synthetic Primer: nbla21167-1f(k)

<400> 851
ttcttctctg tccccaaaca 20

<210> 852
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<220>
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<400> 852
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<210> 853
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<220>
<223> Synthetic Primer: nbla21319-1f(k)

<400> 853
ttggggttca tcctccttc 19

<210> 854
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<220>
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<400> 854
gttgaggtcg ttctccgtgt 20

<210> 855
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<220>
<223> Synthetic Primer: nbla21331-1f(k)

<400> 855
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SeqList[1].txt

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<210> 857
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<220>
<223> Synthetic Primer: nbla21516-1f(k)

<400> 857
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<210> 858
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<220>
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<400> 858
gcccaagtag gaatctgtgt g                21

<210> 859
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21682d-1f(k)

<400> 859
aatctacgct tcccaaacca                20

<210> 860
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<212> DNA
<213> Artificial Sequence

<220>
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<400> 860
taggcactgg gcaatgatac                20

<210> 861

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SeqList[1].txt

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<220>
<223> Synthetic Primer: nbla21691-1f(k)

<400> 861
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<210> 862
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<220>
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SeqList[1].txt

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<210> 869
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<400> 869
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<210> 871
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SeqList[1].txt

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gccctctcct gacttgatt g 21

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<400> 875
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<210> 876
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<220>
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<400> 876
atgcttgctg ctttgcttg 19

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<210> 880
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<210> 881
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<210> 882

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SeqList[1].txt

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<220>
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<400> 883
aggctctccc tcagttacca 20

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<210> 885
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<220>
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<400> 885
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<400> 886
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<210> 887
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SeqList[1].txt

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<220>
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<220>
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<400> 888
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<210> 889
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<220>
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<400> 889
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<210> 890
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<220>
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<400> 890
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<210> 891
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<220>
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<400> 891
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<210> 892
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<220>
<223> Synthetic Primer: nbla23556-1r

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SeqList[1].txt

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<220>
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<400> 893
tgttcttctt ggccttgct 19

<210> 894
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<220>
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<400> 894
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<210> 895
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<220>
<223> Synthetic Primer: nbla23879-2-1f(k)

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<210> 896
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<220>
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<400> 896
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<210> 897
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<212> DNA
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<220>
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<400> 897
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SeqList[1].txt

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<400> 898
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<210> 899
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<220>
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<400> 899
aggtggaggc tgatgacttg                                     20

<210> 900
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<220>
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<400> 900
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<210> 901
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<400> 901
tgggtaaagg acgaggaaga                                     20

<210> 902
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<220>
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<400> 902
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<210> 903

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SeqList[1].txt

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<400> 903
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<210> 904
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<212> DNA
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<220>
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<400> 904
gtcacgttgc cgtccttg 18

<210> 905
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<400> 905
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<210> 906
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<220>
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<400> 906
ctttggtgaa ggcatggt 19

<210> 907
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<212> DNA
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<220>
<223> Synthetic Primer: nbla24836-1f(k)

<400> 907
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<210> 908
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SeqList[1].txt

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<223> Synthetic Primer: nbla24958-1f(k)

<400> 909
tggagcagtt ggctaaagag                                20

<210> 910
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<400> 910
agtgatggta ctggatgtct gg                                22

<210> 911
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<400> 911
tggaaatcta tcgccctcac                                20

<210> 912
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<220>
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<400> 912
acagaactca aacaggccat c                                21

<210> 913
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SeqList[1].txt

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<210> 914
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<400> 914
ggtcaggcca ttgaagagag 20

<210> 915
<211> 20
<212> DNA
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<220>
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<400> 915
tggtctatca ccccagcttc 20

<210> 916
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<400> 916
gttcttcacc ttctccaaca cc 22

<210> 917
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<400> 917
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<210> 918
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<220>
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<400> 918
tgatctcctc cctcttatcc ac 22

SeqList[1].txt

<210> 919
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<220>
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<400> 919
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<210> 920
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<220>
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<400> 920
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<210> 921
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<220>
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<400> 921
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<210> 922
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<220>
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<400> 922
cagtacacag gctccagaag aag 23

<210> 923
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<400> 923
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<210> 924

SeqList[1].txt

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<210> 925
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<210> 926
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<400> 926
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<210> 927
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<400> 927
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<210> 928
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<220>
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<400> 928
gcctgagagg gaaaccac 18

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SeqList[1].txt

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<223> Synthetic Primer: nbla21273-1f(k)

<400> 929

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20

<210> 930

<211> 20

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<223> Synthetic Primer: nbla21273-1r

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<210> 931

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<223> Synthetic Primer: nbla21412-1f(k)

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<400> 932

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19

<210> 933

<211> 20

<212> DNA

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<223> Synthetic Primer: nbla21578-1f(k)

<400> 933

ctcctcctgt tgctgacct

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<210> 934

<211> 20

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SeqList[1].txt

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<400> 935
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<210> 936
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<400> 936
ctgtaaacca tgaagatgca ga 22

<210> 937
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<400> 937
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<210> 938
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<220>
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<400> 938
agtcttgctt ctgggggatg 20

<210> 939
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<220>
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<400> 939
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SeqList[1].txt

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<210> 941
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<400> 941
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<210> 942
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<220>
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<400> 942
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<210> 943
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<220>
<223> Synthetic Primer: nbla21787-1f(k)

<400> 943
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<210> 944
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<220>
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<400> 944
gggtgtatat ttcctttgtg tcc            23

<210> 945

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SeqList[1].txt

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<223> Synthetic Primer: nbla21954-1f(k)

<400> 945
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<210> 946
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<400> 946
tacaagccaa cgctttctcc 20

<210> 947
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<220>
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<400> 947
catgtagtgg gttcggagat g 21

<210> 948
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<220>
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<400> 948
cgtagccatc agtgcaagag 20

<210> 949
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<220>
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<400> 949
ggcccagaac aactgctac 19

<210> 950
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SeqList[1].txt

<220>
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 <400> 954
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SeqList[1].txt

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<400> 956
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<210> 957
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<220>
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<400> 957
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<210> 958
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<220>
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<400> 958
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<210> 959
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<220>
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<400> 959
ggctgttctt accatctcct t 21

<210> 960
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<220>
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<400> 960
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SeqList[1].txt

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<220>
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<210> 962
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<220>
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<400> 962
catccacagc aactttcaca tc            22

<210> 963
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<220>
<223> Synthetic Primer: nbla22763-1f(k)

<400> 963
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<210> 964
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<220>
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<400> 964
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<210> 965
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<212> DNA
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<220>
<223> Synthetic Primer: nbla22788-1f(k)

<400> 965
ctggatcagg tttccaca                19

<210> 966

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SeqList[1].txt

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<220>
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<400> 966
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<210> 967
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<400> 967
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<210> 968
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<220>
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<400> 968
gacgccaaca tagaccacct 20

<210> 969
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<212> DNA
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<220>
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<400> 969
atgcctctgc ctcattctac 20

<210> 970
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<220>
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<400> 970
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<210> 971
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SeqList[1].txt

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<210> 972
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<220>
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<400> 972
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<210> 973
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<400> 973
gcagtttgag ggtgttttgg                20

<210> 974
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<212> DNA
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<220>
<223> Synthetic Primer: nbla22937-1r

<400> 974
atttctactg gggagggagg a                21

<210> 975
<211> 23
<212> DNA
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<220>
<223> Synthetic Primer: nbla23238-1f(k)

<400> 975
gccactcctt ctcagtcttc atc                23

<210> 976
<211> 20
<212> DNA
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<220>
<223> Synthetic Primer: nbla23238-1r

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SeqList[1].txt

<400> 976
gttccatcaa ctcccaagca 20

<210> 977
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<220>
<223> Synthetic Primer: nbla23327-1f(k)

<400> 977
gaagggctac tctatggtga gg 22

<210> 978
<211> 20
<212> DNA
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<220>
<223> Synthetic Primer: nbla23327-1r

<400> 978
aatggactgg tggaacttgg 20

<210> 979
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla23360-1f(k)

<400> 979
gacgtgctca aggaagtgg 19

<210> 980
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<220>
<223> Synthetic Primer: nbla23360-1r

<400> 980
tgatgaactc gacccagaga g 21

<210> 981
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<212> DNA
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<220>
<223> Synthetic Primer: nbla23519-1f(k)

<400> 981
gaacaggatt tcccctagca 20

SeqList[1].txt

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<220>
 <223> Synthetic Primer: nb1a23519-1r

<400> 982
 ctctgaaaga cccccacatc 20

<210> 983
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<220>
 <223> Synthetic Primer: nb1a23553-1f(k)

<400> 983
 cagaggagg gtgttacgag 20

<210> 984
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<220>
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<400> 984
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<210> 985
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<220>
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<400> 985
 gccaaagtgt atgggatgct 20

<210> 986
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<220>
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<400> 986
 ctggacctgt gtgaactgat g 21

<210> 987

SeqList[1].txt

<211> 20
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<220>
<223> Synthetic Primer: nbla23683-1f(k)

<400> 987
tctgtgacca gggttttgtg 20

<210> 988
<211> 20
<212> DNA
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<220>
<223> Synthetic Primer: nbla23683-1r

<400> 988
cacacgagaa gtggatggtg 20

<210> 989
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<220>
<223> Synthetic Primer: nbla23812-1f(k)

<400> 989
ctgcacacag ccacgattt 19

<210> 990
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<220>
<223> Synthetic Primer: nbla23812-1r

<400> 990
tggcaggтта atgtcttct cc 22

<210> 991
<211> 21
<212> DNA
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<220>
<223> Synthetic Primer: nbla23823-1f(k)

<400> 991
gccagagtcc cagctttcta c 21

<210> 992
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SeqList[1].txt

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<220>
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<400> 992
agttgtccct tcctcgcttc                                20

<210> 993
<211> 19
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<220>
<223> Synthetic Primer: nbla23849-1f(k)

<400> 993
agcaacacgc aaacgagag                                19

<210> 994
<211> 21
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<220>
<223> Synthetic Primer: nbla23849-1r

<400> 994
gcatctcctg ccttgattag a                                21

<210> 995
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla23882-1f(k)

<400> 995
tgctactggg agctgatgtg                                20

<210> 996
<211> 20
<212> DNA
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<220>
<223> Synthetic Primer: nbla23882-1r

<400> 996
cggatggcaa acttctctgt                                20

<210> 997
<211> 21
<212> DNA
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<220>
<223> Synthetic Primer: nbla23910r1-1f(k)

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SeqList[1].txt

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<210> 998
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<220>
<223> Synthetic Primer: nbla23910r1-1r

<400> 998
gacttgggggt tggaacagg 19

<210> 999
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24064-1f(k)

<400> 999
cggaggagaa acggaggt 18

<210> 1000
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24064-1r

<400> 1000
gctattgacc cgtgggaag 19

<210> 1001
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24405-1f(k)

<400> 1001
agccagtaca cgcaggaaac 20

<210> 1002
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24405-1r

<400> 1002
catcaaacca cctccacaag a 21

SeqList[1].txt

<210> 1003
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Primer: nbla24897-1f(k)
 <400> 1003
 aggagtttgc tgctgctctc 20
 <210> 1004
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Primer: nbla24897-1r
 <400> 1004
 tcagtcctcg cttccctatc 20
 <210> 1005
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Primer: nbla24913-1f(k)
 <400> 1005
 atcaggtggt ggaagatgga 20
 <210> 1006
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Primer: nbla24913-1r
 <400> 1006
 cggattagct gttcgaggtg 20
 <210> 1007
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Primer: nbla20624d-1f(k)
 <400> 1007
 ttctggtgcg agtttttggg 19
 <210> 1008

SeqList[1].txt

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla20624d-1r

<400> 1008
tctgaatggg caagaaggag 20

<210> 1009
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla22029-1f(k)

<400> 1009
cagggacagg aaagatagga g 21

<210> 1010
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla22029-1r

<400> 1010
gctgaactct ggatgtctgg 20

<210> 1011
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla22424r1d-1f(k)

<400> 1011
tgcaccagct ctttcttctg t 21

<210> 1012
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla22424r1s-1r

<400> 1012
catgatcctc tcctgcatct c 21

<210> 1013
<211> 24
<212> DNA
<213> Artificial Sequence

SeqList[1].txt

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<220>
<223> Synthetic Primer: nbla22594-1f(k)

<400> 1013
cacgatattc agaccttgac ttg                                     24

<210> 1014
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla22594-1r

<400> 1014
agcatccttt gcctctgtgt                                         20

<210> 1015
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla22622-1f(k)

<400> 1015
gcaaggggggt cttcttcct                                         19

<210> 1016
<211> 19
<212> DNA
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<220>
<223> Synthetic Primer: nbla22622-1r

<400> 1016
ggctggcaag ttcattcct                                         19

<210> 1017
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla20117d-1f(k)

<400> 1017
tggaccttgt gggtgagttg                                         20

<210> 1018
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla20117-1r

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SeqList[1].txt

<400> 1018
 ctcttttgga ttgctgcttg 20

<210> 1019
 <211> 18
 <212> DNA
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<220>
 <223> Synthetic Primer: nbla20238-1f(k)

<400> 1019
 cgtggggatg tagcagga 18

<210> 1020
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Primer: nbla20238-1r

<400> 1020
 ctggaaagat ggggaaggag 20

<210> 1021
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Primer: nbla20904-1f(k)

<400> 1021
 acgtggattt atggtctgtg g 21

<210> 1022
 <211> 20
 <212> DNA
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<220>
 <223> Synthetic Primer: nbla20904-1r

<400> 1022
 tgggaaaagg acatcaggaa 20

<210> 1023
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Primer: nbla23293-1f(k)

<400> 1023
 tgatgctggg caactacaga 20

SeqList[1].txt

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<210> 1024
<211> 20
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<220>
<223> Synthetic Primer: nbla23293-1r

<400> 1024
tccaaaacta gccaggagga 20

<210> 1025
<211> 22
<212> DNA
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<220>
<223> Synthetic Primer: nbla23297d-1f(k)

<400> 1025
acaagaaagc agtggagagg ag 22

<210> 1026
<211> 21
<212> DNA
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<220>
<223> Synthetic Primer: nbla23297d-1r

<400> 1026
gttttgctgt tggtcacttg g 21

<210> 1027
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla23311-1f(k)

<400> 1027
tctccgttgg tctcactgtc t 21

<210> 1028
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla23311-1r

<400> 1028
ggccacaatt tccatatacct c 21

<210> 1029

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SeqList[1].txt

<211> 22
<212> DNA
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<220>
<223> Synthetic Primer: nb1a23589-1f(k)

<400> 1029
gaagcatgag cccgtattta tc 22

<210> 1030
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nb1a23589-1r

<400> 1030
tccacaactt cataatccca ca 22

<210> 1031
<211> 19
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<220>
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<400> 1031
gtggtcgcac ctccattct 19

<210> 1032
<211> 19
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<220>
<223> Synthetic Primer: nb1a23629r1-1r

<400> 1032
acatgcggtg gatttttgg 19

<210> 1033
<211> 20
<212> DNA
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<220>
<223> Synthetic Primer: nb1a23862d-1df(k)

<400> 1033
gctcctgtga tctggatgga 20

<210> 1034
<211> 20
<212> DNA
<213> Artificial Sequence

SeqList[1].txt

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<220>
<223> Synthetic Primer: nbla23862d-1dr

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ccaagtggga caaggtgaag                                20

<210> 1035
<211> 20
<212> DNA
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<220>
<223> Synthetic Primer: nbla24133r1-1f(k)

<400> 1035
ccataagcca cccacttac                                20

<210> 1036
<211> 19
<212> DNA
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<220>
<223> Synthetic Primer: nbla24133r1-1r

<400> 1036
gagccttggg tcatttgct                                19

<210> 1037
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24761-1f(k)

<400> 1037
atggagccac gaacaacc                                18

<210> 1038
<211> 23
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<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24761-1r

<400> 1038
ggtctgggaa gtgtagttga aga                            23

<210> 1039
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla20279-1f(k)

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SeqList[1].txt

<400> 1039
cctatggaca ccccaatcc 19

<210> 1040
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<212> DNA
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<220>
<223> Synthetic Primer: nbla20279-1r

<400> 1040
ggcctgcttt agctccttc 19

<210> 1041
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla20687-1f(k)

<400> 1041
ggcagacctc cagaccaac 19

<210> 1042
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla20687-1r

<400> 1042
tgccacttcc actaccaga 20

<210> 1043
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla20924d-1f(k)

<400> 1043
gcagcctcag ctcatacca 19

<210> 1044
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla20924d-1r

<400> 1044
tccaaatctt ccaccaaacc 20

SeqList[1].txt

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<210> 1045
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<220>
<223> Synthetic Primer: nbla21168-1f(k)

<400> 1045
caactccgtc agctcggtt                                     18

<210> 1046
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21168-1r

<400> 1046
ccagagcctt ttcattcttg                                     20

<210> 1047
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21303-1f(k)

<400> 1047
gttggctacc agaggaaatg                                     20

<210> 1048
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21303-1r

<400> 1048
tccacttaga aacggaagga                                     20

<210> 1049
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21483-1f(k)

<400> 1049
cacagcagaa aggaaaatgg a                                   21

<210> 1050

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SeqList[1].txt

<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21483-1r

<400> 1050
tgataagcag cactggatgg 20

<210> 1051
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21838-1f(k)

<400> 1051
ctagaatagg gaggtggaga atg 23

<210> 1052
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21838-1r

<400> 1052
ctgcggttg gtaattgag 19

<210> 1053
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21917-1f(k)

<400> 1053
tgagttctgg attgcctgtg 20

<210> 1054
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla21917-1r

<400> 1054
cagggcatgg attcttttct 20

<210> 1055
<211> 20
<212> DNA
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SeqList[1].txt

<220>
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 <400> 1055
 ctggttccca cgcaagtaag 20
 <210> 1056
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Primer: nbla22099-1r
 <400> 1056
 ggttcatggc tctggaatgt 20
 <210> 1057
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Primer: nbla22438-1f(k)
 <400> 1057
 agcaggcatg gcaattttag 20
 <210> 1058
 <211> 21
 <212> DNA
 <213> Artificial Sequence
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 <223> Synthetic Primer: nbla22438-1r
 <400> 1058
 ccagaggtgc agagaagtgt g 21
 <210> 1059
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthetic Primer: nbla23111d-1f(k)
 <400> 1059
 attcaccctc tttggagaac a 21
 <210> 1060
 <211> 20
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 <220>
 <223> Synthetic Primer: nbla23111d-1r

SeqList[1].txt

<400> 1060
ctaaaaggcg acagcacaag 20

<210> 1061
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla23208-1f(k)

<400> 1061
tgggtctcctt cctgtgttcc 20

<210> 1062
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla23208-1r

<400> 1062
gttgccctgca ttctccaca 19

<210> 1063
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24118-1f(k)

<400> 1063
acaagtccac accacagcac 20

<210> 1064
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24118-1r

<400> 1064
gagaaaccag aggccagaga 20

<210> 1065
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24279-1f(k)

<400> 1065
tggtcggggtc acaaattcttc 20

SeqList[1].txt

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<210> 1066
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24279-1r

<400> 1066
aaccacactc ctgcctcca
19

<210> 1067
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24771d-1f(k)

<400> 1067
caagtttgcc tccttcata g aca
23

<210> 1068
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24771d-1r

<400> 1068
tgtacgctta ttgatctcat cctc
24

<210> 1069
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24871-1f(k)

<400> 1069
cagcaggga caaaactcca
20

<210> 1070
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24871-1r

<400> 1070
tggctacatg aaacgcatac c
21

<210> 1071

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SeqList[1].txt

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24443r1-1f(k)

<400> 1071
gctgccactg ctatgctct

19

<210> 1072
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla24443r1-1r

<400> 1072
catgctgttc tgcttggtg

19

<210> 1073
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla23300-1f

<400> 1073
gagagcagcg attaaccaaa ag

22

<210> 1074
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla23300-1r

<400> 1074
acatcaac ttccctccaa

20

<210> 1075
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: nbla23664-1f

<400> 1075
ctttcatttc tcctgctgtc c

20

<210> 1076
<211> 22
<212> DNA
<213> Artificial Sequence

SeqList[1].txt

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<220>
<223> Synthetic Primer: nb1a23664-1r

<400> 1076
gggactcacc cattttctat tt                22

<210> 1077
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: GAPD forward

<400> 1077
acctgacctg ccgtctagaa                20

<210> 1078
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: GAPD reverse

<400> 1078
tccaccaccc tggtgctgta                20

<210> 1079
<211> 27
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic oligo-RNA

<400> 1079
agcaucgagu cggccuuggc cuacugg        27

<210> 1080
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic primer: oligo-dT adapter

<400> 1080
gcggctgaag acggcctatg tggccttttt tttttttttt tt        42

<210> 1081
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: forward

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SeqList[1].txt

<400> 1081
agcatcgagt cggccttggt g

21

<210> 1082
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Primer: reverse

<400> 1082
gcgctgaaga cggcctatgt

20

